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ABSTRACT

This report, based on the questionnaire returns of 298,000 scientists in the 1968 National Register of Scientific and Technical Personnel, presents data on the supply, utilization, and characteristics of the nation's scientific manpower resources. The report is organized in three parts: Part I presents some graphic highlights of the general characteristics of scientists, including specialization by scientific field, primary work activity, highest degree held, employment status, type of employer, years of experience, geographic location, and median annual salaries. Part II consists of more specific tabulations of the major characteristics of scientists mentioned in Part I plus data on the foreign language knowledge of scientists, scientists receiving federal support, and women scientists. Part III contains (1) detailed statistical tables, (2) technical notes, (3) criteria for inclusion in the National Register, (4) reproduction of 1968 questionnaire and Specialties List, and (5) Language Family List used by the National Register in 1968. (LC)

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AMERICAN SCIENCE MANPOWER 1968

A Report of the National Register of Scientific and Technical Personnel

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FOREWORD

THIS REPORT is based on the 298,000 scientists in the 1968 National Register of Scientific and Technical Personnel. It is a reference document showing data on education, specialization by work activity and field, type of employer, salary, age, sex, and other factors, selected to meet the needs of most users of data on scientific personnel. Selection of the data has been guided by numerous inquiries and requests for various types of information. The nature of these requests has also provided evidence that the data frequently serve as the bases for important policy decisions in all sectors of the American scientific and technological enterprise.

National Register data have been collected for the past 14 years and form part of a longitudinal file covering such subjects as geographic mobility, mobility among types of employers, and career patterns in terms of training and employment. Studies based on these data provide valuable insight into the dynamics of this population.

The National Science Foundation gratefully acknowledges the cooperation of the Nation's scientists who responded to the National Register as well as the cooperation of the participating scientific societies. Responsibility for the National Register of Scientific and Technical Personnel is under the general supervision of Robert W. Cain, Acting Head, Sponsored Surveys and Studies Section, in the Office of Economic and Manpower Studies, Thomas J. Mills, Head.

CHARLES E. FALK
Planning Director
National Science Foundation

DECEMBER 1969

ACKNOWLEDGMENTS

Milton Levine, Study Director, National Register of Scientific and Technical Personnel, planned and prepared this report with the assistance of Suzanne M. Duval. George Dan Clark, Sue Gardner, and Barbara Byrd at the National Register Records Center were responsible for the data processing activities carried out at North Carolina State University in Raleigh. The 1968 National Register was coordinated by J. James Brown. The following organizations cooperated with the National Register in 1968: American Anthropological Association, American Chemical Society, American Economic Association, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Political Science Association, American Psychological Association, American Sociological Association, Center for Applied Linguistics, Federation of American Societies for Experimental Biology, and through these organizations, other specialized societies.

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The National Register of Scientific and Technical Personnel, a requirement of the National Science Foundation Act of 1950, collects data at 2-year intervals to provide statistical information on the supply, utilization, and characteristics of the Nation's scientists. The 1968 registration is the seventh in this series.

SUMMARY

Almost 298,000 scientists, of whom 9 percent were women, reported to the National Register in 1968. Three-fifths of these registrants were in the physical and mathematical sciences, one-fifth in the life sciences, and the remainder in the behavioral and social sciences. The number of registrants was up 23 percent over the 242,800 registered in 1966.

Highest Degree

In 1968, doctorates were reported as the highest degree by 37 percent of the registrants, master's degrees by 29 percent, and bachelor's degrees by 30 percent.

Type of Employer

Industry employed 32 percent of the scientists in the National Register in 1968, down from 34 percent in 1966. The proportion of scientists employed in educational institutions increased from 36 percent to 40 percent; and those in the Federal Government remained at 10 percent both years.

Universities and Colleges

Of the 105,700 scientists employed in universities and colleges, 60 percent held the doctorate, 25 percent held the master's degree, and 10 percent held the bachelor's degree. Almost three-fourths of these scientists were in teaching as either a primary or secondary work activity.

Primary Work Activity

One-third of the 1968 registrants were primarily engaged in research and development, 21 percent reported teaching as their primary work, and 21 percent of the scientists were in management or administration.

Years of Professional Experience

One-half of the scientists reported less than 12 years of professional experience; 19 percent of the registrants had less than 5 years.

Age

The median age of registrants in 1968 was 38 years; one-fifth of the scientists were in their twenties.

Geographic Location

Eight States contained more than one-half of the total registrants. California and New York each had well over 31,000 registrants. Six other States each had more than 12,000 registrants—Pennsylvania, Illinois, New Jersey, Texas, Ohio, and Massachusetts.

Salaries

The median salary of full-time employed civilian scientists rose 10 percent from $12,000 in 1966 to $13,200 in 1968. Median salaries higher than $13,200 were reported in the fields of economics ($15,000), statistics ($14,900), computer sciences ($14,100), physics ($14,000), chemistry ($13,500), and atmospheric and space sciences ($13,400); also for employment in industry and nonprofit organizations ($14,700) and Federal Government ($13,500). The median salary of university and college teachers was $14,200 on a calendar-year basis and $11,000 on an academic-year basis. In 1968 median salaries higher than the national average were reported by scientists in California, Connecticut, Delaware, District of Columbia, Maryland, Massachusetts, New Jersey, New Mexico, and New York.

Federal Support

The Federal Government provided funds for at least some of the work of 127,400 scientists, or 43 percent of the total registrants, including 36,800 Federal employees, civilian or military. Defense and health programs provided funds for the largest number of scientists in both 1966 and 1968.

INTRODUCTION

THIS PUBLICATION, based on the 1968 National Register of Scientific and Technical Personnel, reports data on the supply, utilization, and characteristics of the Nation's scientific manpower resources. The 1968 registration is the seventh of a series conducted by the National Science Foundation to collect and make available timely information on qualified personnel in science fields. Earlier studies were conducted for 1954, 1956–58, 1960, 1962, 1964, and 1966.

The Foundation sponsors the National Register as authorized and directed in the National Science Foundation Act of 1950 to " . . . maintain a register of scientific and technical personnel and in other ways provide a central clearing house for information covering all scientific and technical personnel. . . . " In carrying out this legislative mandate, the National Register provides statistical information on these personnel and is the mechanism by which, under certain conditions, individuals with special competence can be identified and located as required.

From the outset, the National Science Foundation has maintained the National Register by contract with the scientific societies rather than as a program operated solely by the Federal Government. Within this framework, the Foundation develops uniform standards and procedures, and reports findings across discipline lines.

Uses of National Register Information

The National Register, as a major source of data for studies underlying the development of national science policy, provides information both to the Congress and to agencies of the executive branch. The Senate Committee on Labor and Public Welfare, the House Select Committee on Government Research, and the House Committee on Government Operations were recipients of data related to Federal R&D policies affecting scientific and technical manpower, the training and utilization of the manpower resources of the Nation, Federal support of research and development, and the influence of Federal funds on science teaching and research.

Some other examples include the use of National Register data by the Office of Science and Technology to appraise the effect of Federal funds on universities and colleges, by the National Institutes of Health to estimate the supply of scientists in life and health-related fields, by the Federal Council for Science and Technology to appraise the adequacy of supply of oceanographers in relation to Government programs in oceanography, and by the Civil Service Commission to compare Federal Government salary levels for scientists and engineers with those in other sectors of the economy.

Other users of National Register data include the Organisation for Economic Cooperation and Development, State governments, private companies, and universities.

Future use of National Register information will capitalize on the fact that registrations now provide information on the scientific specializations, work activities, levels of education, and other characteristics of scientists over a 14-year period. In the seven successive registrations from 1954 to 1968, the numbers of registrants rose from 127,000 to 298,000. Longitudinal analyses, tracing the careers of individual scientists recorded in these successive registrations, should shed further light on the geographic mobility of scientists, the regional location of manpower with advanced degrees, and work history patterns.

Organization of the Report

This report provides National Register data in three parts: a broad perspective in part I; more specific, although selective, tabulations in part II; and detailed tabulations in appendix A. Administrators and science managers may be particularly interested in the presentations in part I and the summary of major characteristics in part II. Investigators seeking detailed information should look to the data in the appendix tables.

The Subject Matter Guide (pages 5–9)shows where to locate specific kinds of information on the numbers and salaries of scientists.

Technical Notes are in appendix B. Appendix C shows the criteria for inclusion in the National Register as determined by the scientific societies. The questionnaire and specialties list used in 1968 are reproduced in appendix D. A language family list is provided in appendix E.

SUBJECT MATTER GUIDE

	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
ACADEMIC RANK, *see* UNIVERSITY AND COLLEGE TEACHERS, Academic rank		
ACADEMIC YEAR SALARY BASE, *see* SALARY BASE FOR UNIVERSITY AND COLLEGE TEACHERS		
AGE		39
Highest degree	24, 26, 28	
Scientific field:		
Highest degree	50	
Primary work activity	88	
Type of employer	66	102
Subfield	222	241
Type of employer	30, 33, 35, 37	
CALENDAR YEAR SALARY BASE, *see* SALARY BASE FOR UNIVERSITY AND COLLEGE TEACHERS		
EMPLOYMENT STATUS:		
Highest degree	23, 25, 27	
Scientific field	53	
FEDERAL SUPPORT:		
Government program:		
Highest degree	42	
Scientific field:		
Highest degree	172	
Primary work activity	182	
Type of employer	176	
Years of professional experience	190	
State	170	
Scientific field	42	
Type of employer	42	
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HIGHEST DEGREE:		
Age	24, 26, 28	
Employment status	23, 25, 27	
Federal support and Government program	42	

	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
HIGHEST DEGREE—Continued		
Major subject and scientific field	94	
Primary work activity	24, 26, 28	
Second work activity at universities and colleges	196	
Scientific field	23, 25, 27	38
Age	50	
Employment status	53	
Government program	172	
Major subject of highest degree	94	
Primary work activity	59	99
Type of employer	73–84	108–16
Type of employer	56	96
University and college teachers, by academic rank	202	
Women	43, 252	253
Years of professional experience	53	121
Standard Metropolitan Statistical Area	144	160
State	126	132
Subfield	209	228
Type of employer	213–18	232–37
Type of employer	23, 25, 27	
Universities and colleges, first and second work activity	196	
University and college teachers, by academic rank	31	
Scientific field	202	
Women and scientific field	43, 252	253
Years of professional experience	24, 26, 28	
MAJOR SUBJECT OF HIGHEST DEGREE:		
Scientific field	94	
MEDIAN ANNUAL SALARY, *see pages listed in salary column*		
PRIMARY WORK ACTIVITY (*see also* SECOND WORK ACTIVITY)		39
Highest degree	24, 26, 28	
Second work activity at universities and colleges	196	
Scientific field:		
Age	88	
Federal support and Government program	182	
Highest degree	59	99
Type of employer	73–84	108–16
Second work activity at universities and colleges	198	
Type of employer	69	105
Women	253	254
Years of professional experience	91	
Second work activity and highest degree at universities and colleges	196	
Second work activity and scientific field at unisities and colleges	198	

	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
PRIMARY WORK ACTIVITY—Continued:		
Standard Metropolitan Statistical Area	150	166
State	129	135
Subfield	219	238
Type of employer	29, 32, 34, 36	
Women	44	
Years of professional experience and scientific field	91	
SALARY BASE FOR UNIVERSITY AND COLLEGE TEACHERS:		
Scientific field and academic rank		205
SCIENTIFIC FIELD	49	
Age:		
Highest degree	50	
Primary work activity	88	
Type of employer	66	102
Employment status and highest degree	53	
Federal support	42	
Government program:		
Highest degree	172	
Primary work activity	182	
Type of employer	176	
Years of professional experience	190	
Foreign language knowledge	41, 248	
Highest degree, *see* HIGHEST DEGREE, Scientific field		
Major subject of highest degree	94	
Primary work activity, *see* PRIMARY WORK ACTIVITY, Scientific field		
Salary base and academic rank for university and college teachers		205
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University and college teachers:		
Highest degree and academic rank	202	
Salary base and academic rank		205
State	206	

	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
SCIENTIFIC FIELD—Continued		
Women	43	44
Highest degree	43, 252	253
Primary work activity	253	254
Type of employer	253	254
Years of professional experience	253	254
Years of professional experience:		
Federal support and Government program	190	.....
Highest degree	63	121
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Scientific field and primary work activity at universities and colleges	198	.....
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Highest degree	144	160
Primary work activity	150	166
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Type of employer	147	163
STATE	40	40
Federal support and Government program	170	.....
Highest degree	126	132
Primary work activity	129	135
Scientific field	124	130
University and college teachers	206	.....
Type of employer	127	133
University and college teachers, by academic rank	208	.....
SUBFIELD:		
Age	222	241
Highest degree	209	228
Type of employer	213–18	232–37
Primary work activity	219	238
Type of employer	211	230
Years of professional experience	225	245
TYPE OF EMPLOYER	.....	38
Age	30, 33, 35, 37	.....
Federal support	42	.....
Government program and scientific field	176	.....
Highest degree	23, 25, 27	.....
Primary work activity	29, 32, 34, 36	.....
Scientific field	29, 32, 34, 36	.....
Age	66	102
Federal support and Government program	176	.....

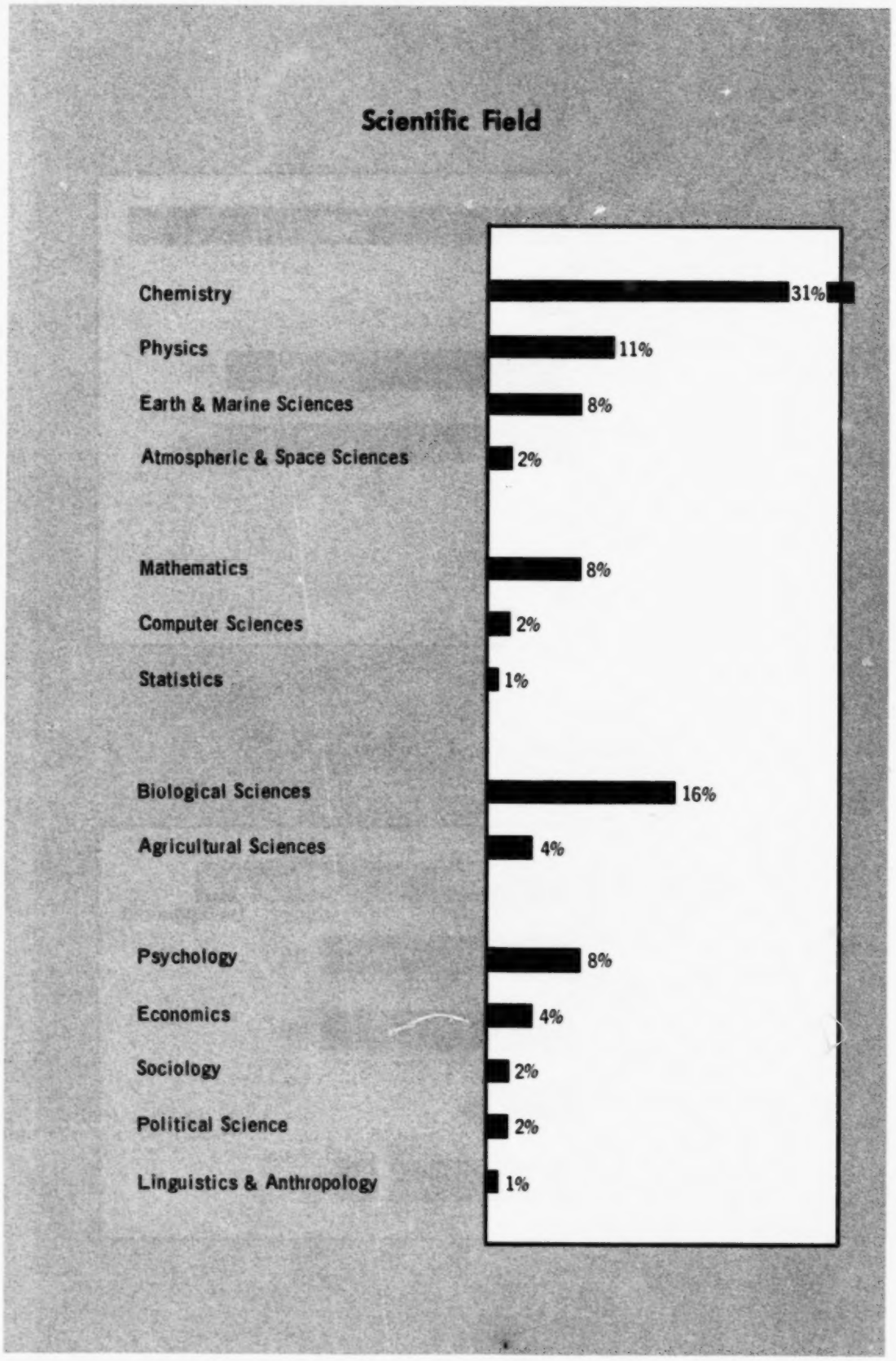
	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
TYPE OF EMPLOYER—Continued		
Scientific field—Continued		
Highest degree	56	96
Primary work activity	73–84	108–16
Primary work activity	69	105
Women	252	254
Years of professional experience	85	117
Standard Metropolitan Statistical Area	147	163
State	127	133
Subfield	211	230
Highest degree	213–18	232–37
Women	43	.....
Years of professional experience	30, 33, 35, 37	.....
UNIVERSITY AND COLLEGE TEACHERS:		
Academic rank:		
Highest degree	31	.....
Scientific field	202	.....
Salary base and scientific field	.....	205
State	208	.....
State and scientific field	206	.....
WOMEN SCIENTISTS:		
Primary work activity	44	.....
Scientific field	43, 252	44
Highest degree	43, 252	253
Primary work activity	253	254
Type of employer	252	254
Years of professional experience	253	254
Type of employer	43	.....
Years of professional experience	44	.....
WORK ACTIVITY, *see* PRIMARY WORK ACTIVITY *and* SECOND WORK ACTIVITY		
YEARS OF PROFESSIONAL EXPERIENCE	.....	39
Highest degree	24, 26, 28	.....
Scientific field:		
Federal support and Government program	190	.....
Highest degree	63	121
Primary work activity	91	.....
Type of employer	85	117
Women	253	254
Subfield	225	245
Type of employer	30, 33, 35, 37	.....
Women	44	.....

PART I. GRAPHIC HIGHLIGHTS

NOTES

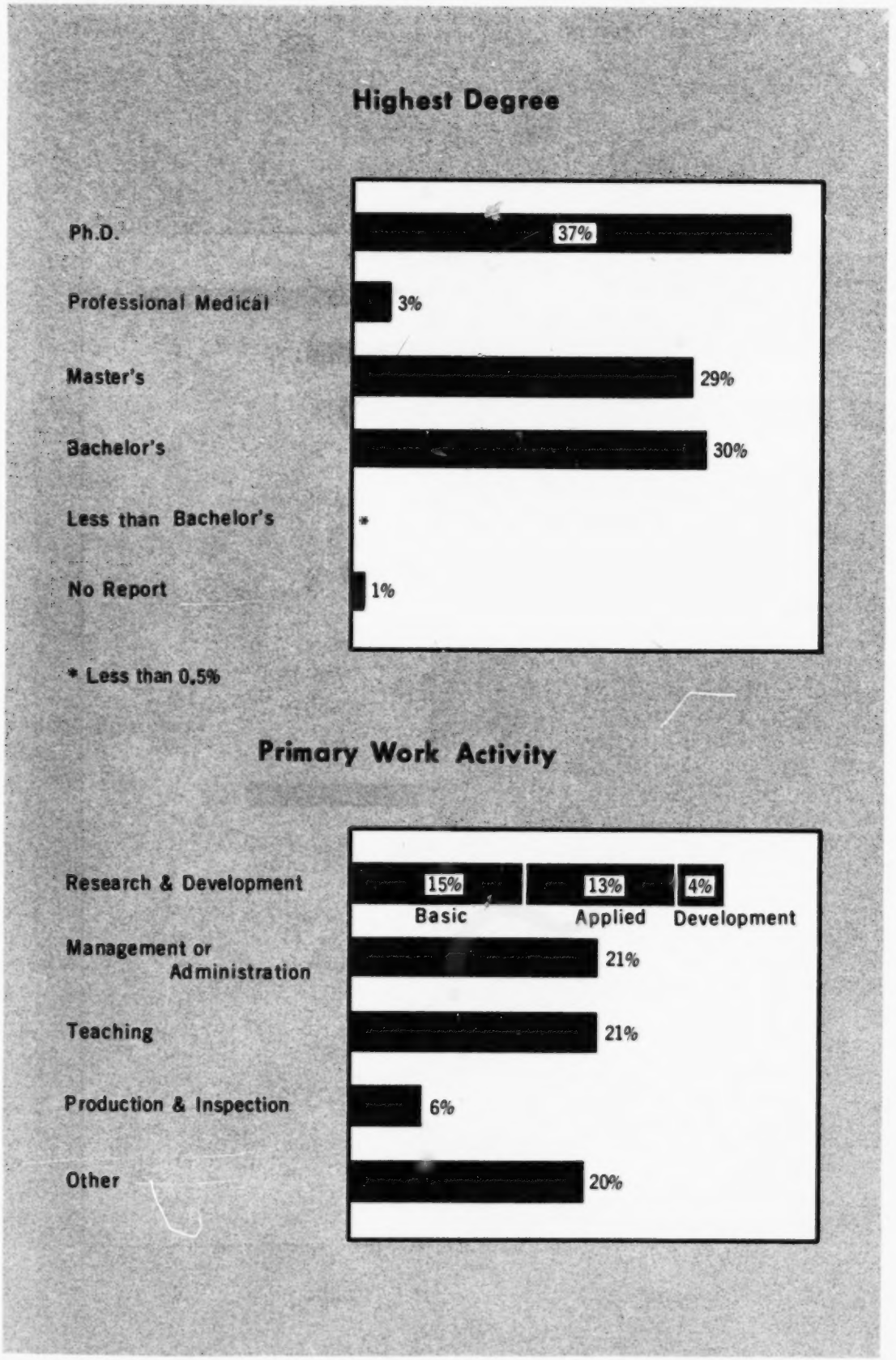
- Percent details shown in these charts may not add to totals because of rounding.
- Numerical basis for percentages was the total 297,942 scientists in the National Register of Scientific and Technical Personnel, 1968.

GENERAL CHARACTERISTICS OF SCIENTISTS



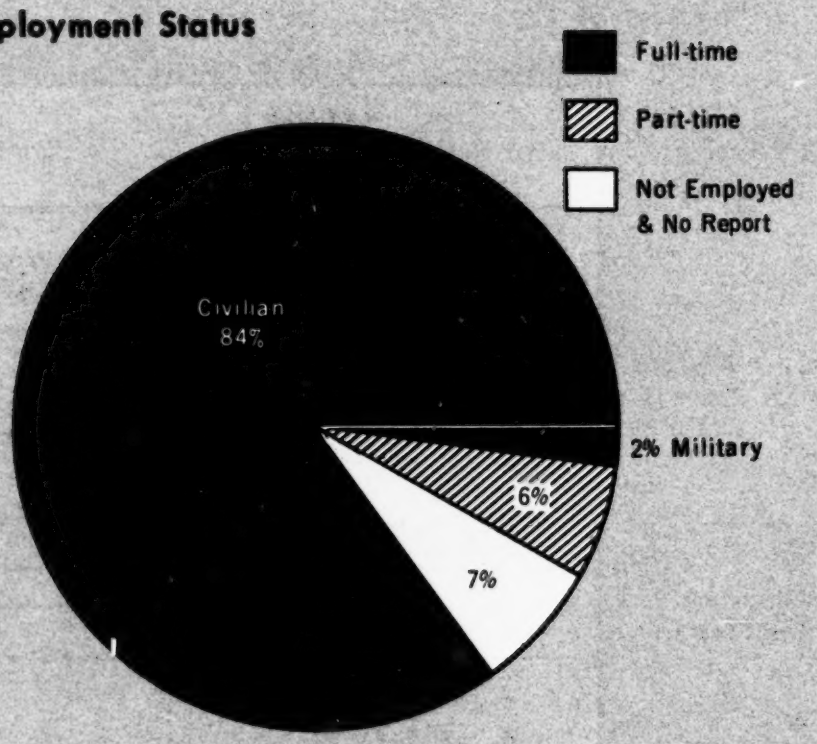
Source: National Register of Scientific and Technical Personnel, 1968

GENERAL CHARACTERISTICS – Con.

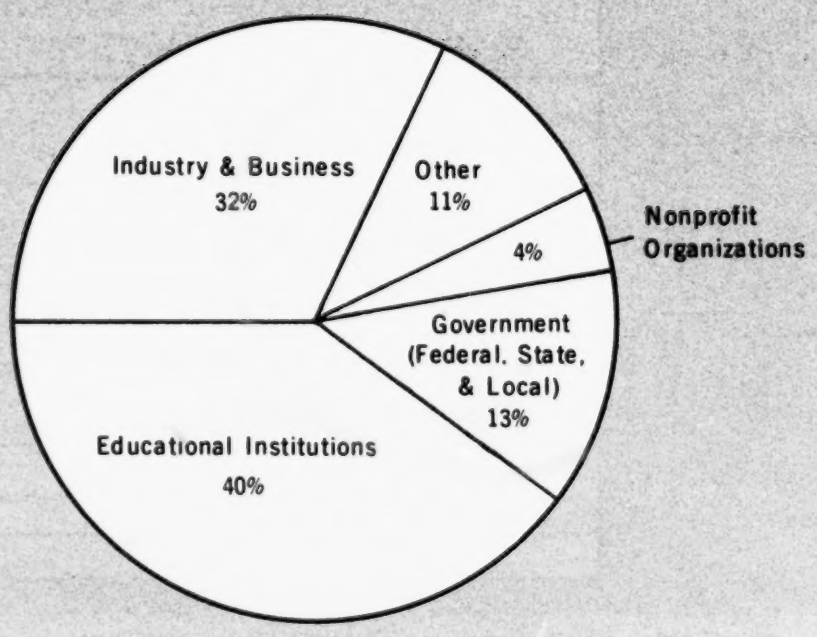


Source: National Register of Scientific and Technical Personnel, 1968

Employment Status



Type of Employer



Source: National Register of Scientific and Technical Personnel, 1968

GENERAL CHARACTERISTICS—Con.

Years of Professional Experience
(Median, 12 Years)

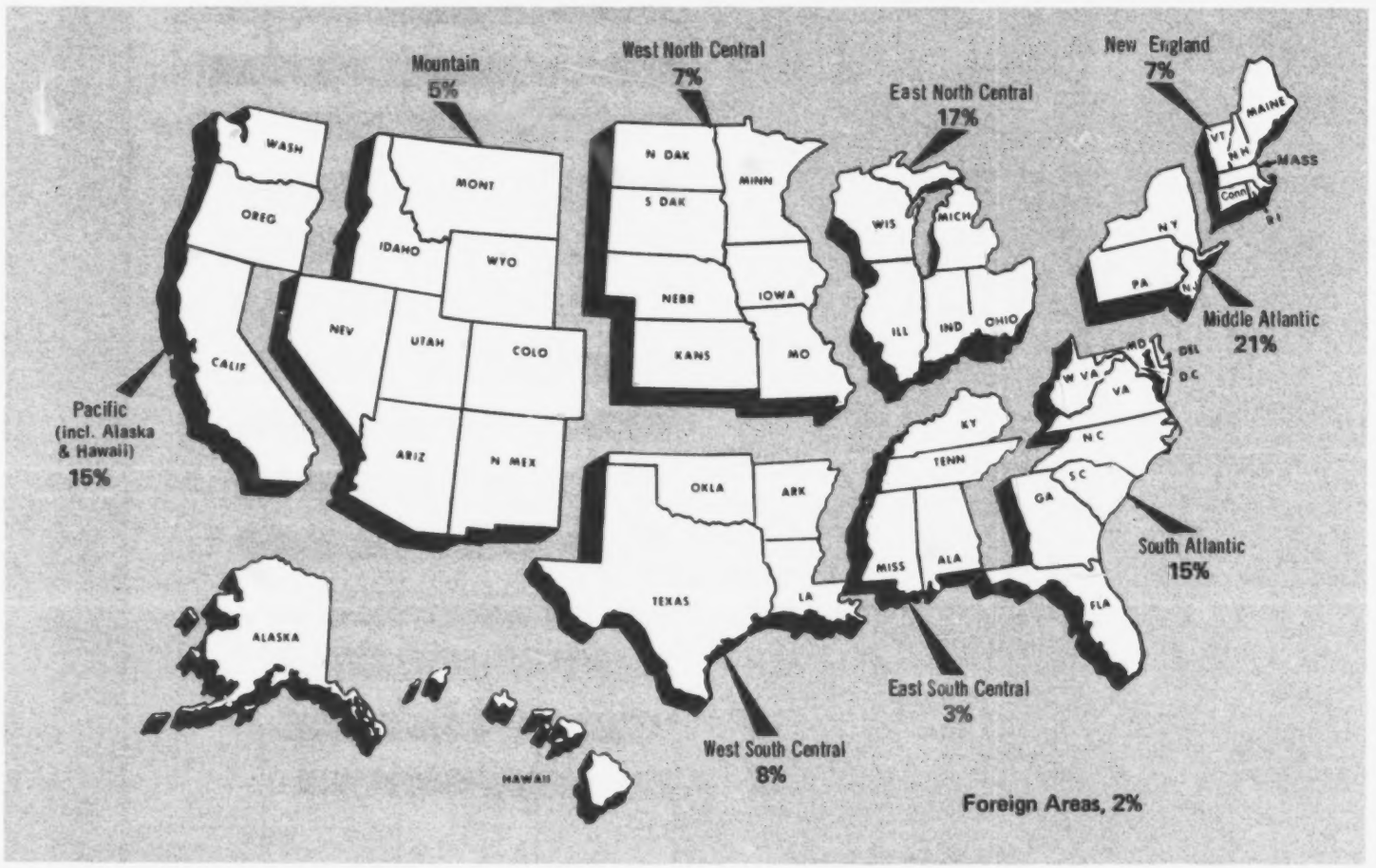
Less than 5 Years	19%
5 to 9 Years	19%
10 to 14 Years	14%
15 to 19 Years	13%
20 to 24 Years	8%
25 to 29 Years	6%
30 or More Years	8%
No Report	14%

Age
(Median Age 38)

24 or Under	3%
25 to 29 Years	17%
30 to 34 Years	17%
35 to 39 Years	16%
40 to 44 Years	14%
45 to 49 Years	12%
50 to 54 Years	8%
55 to 59 Years	5%
60 or Over	6%

Source: National Register of Scientific and Technical Personnel, 1968

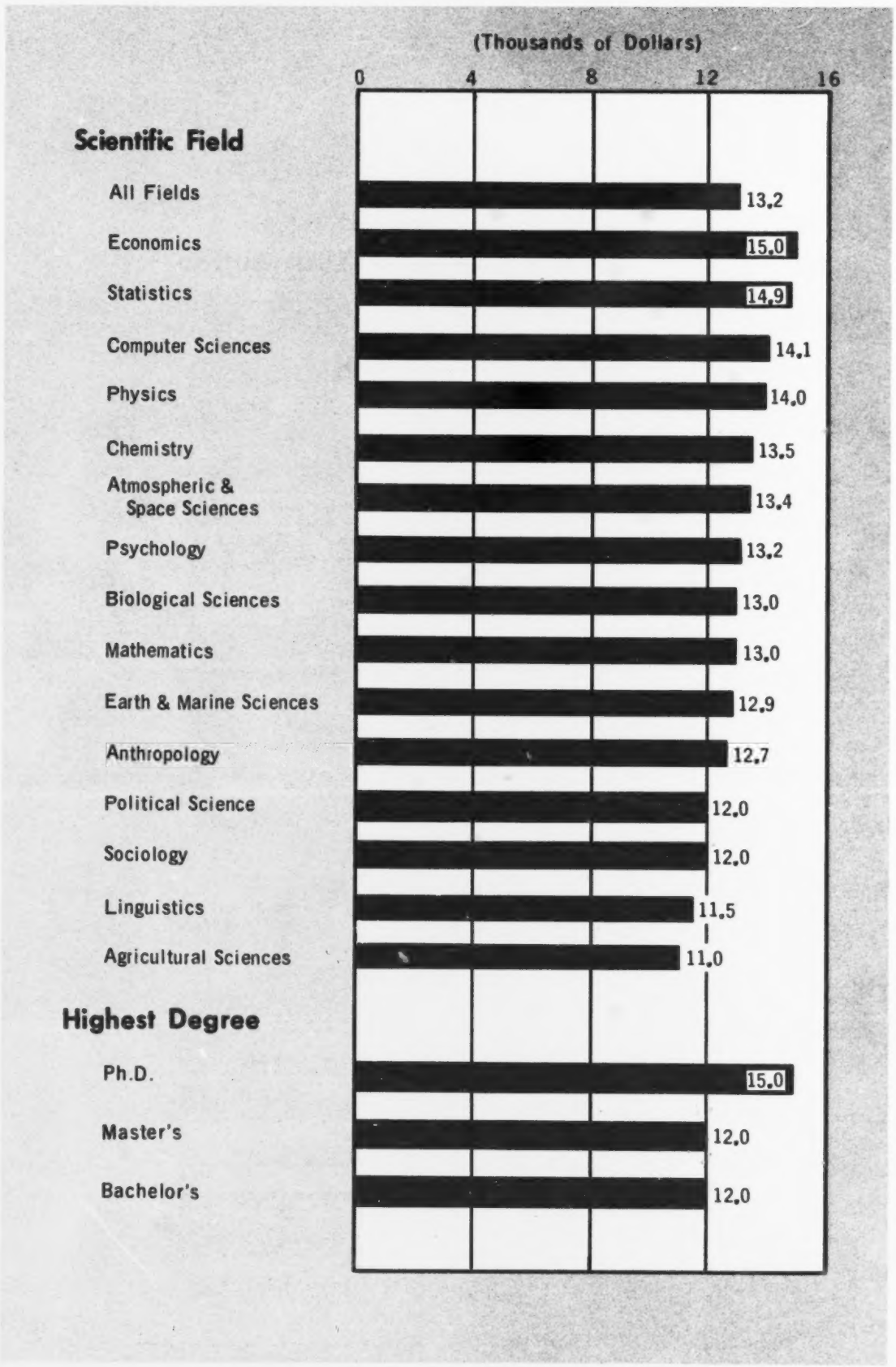
Geographic Distribution



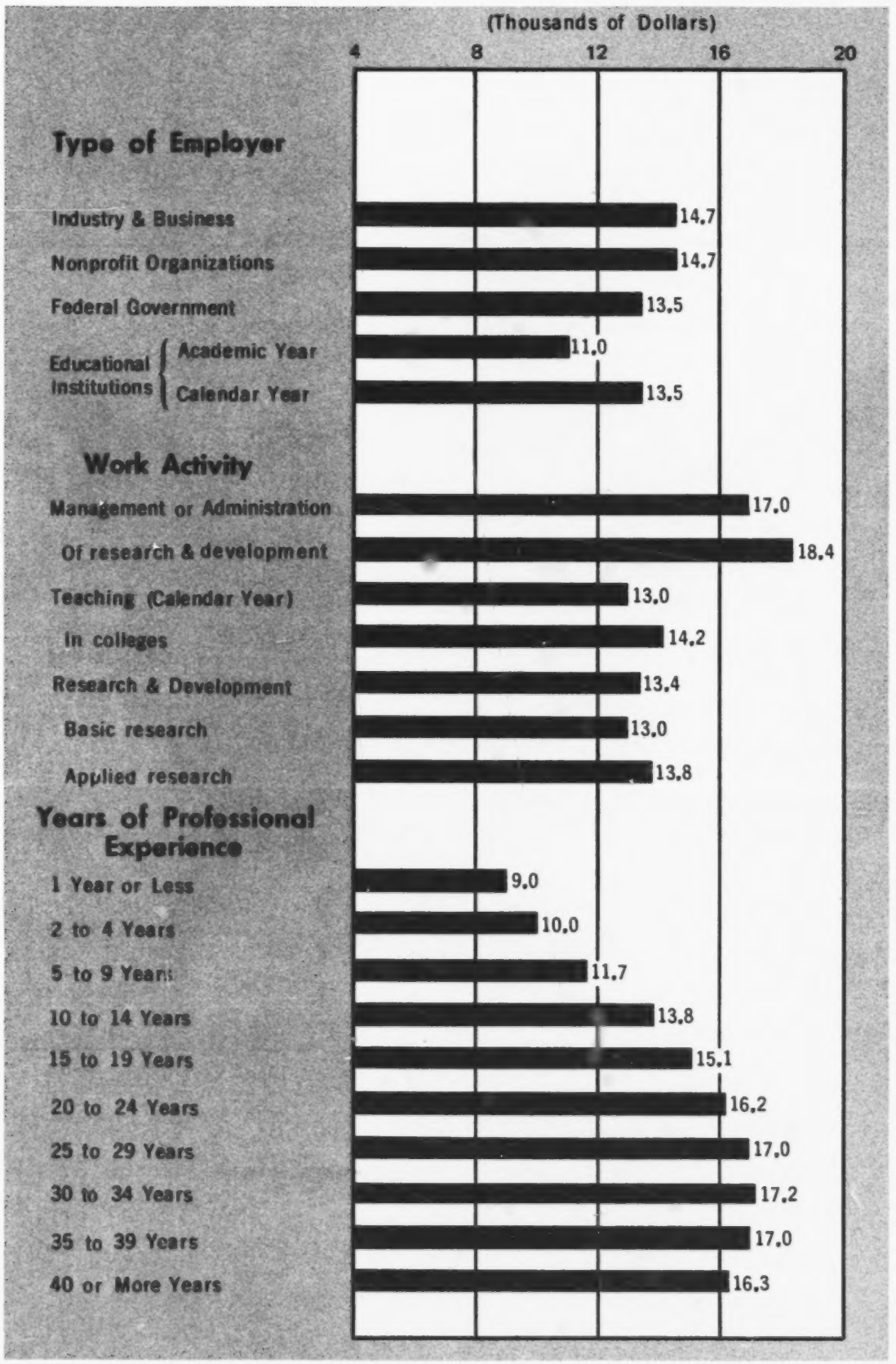
Source: National Register of Scientific and Technical Personnel, 1968

MEDIAN ANNUAL SALARIES

Full-Time Employed Civilian Scientists

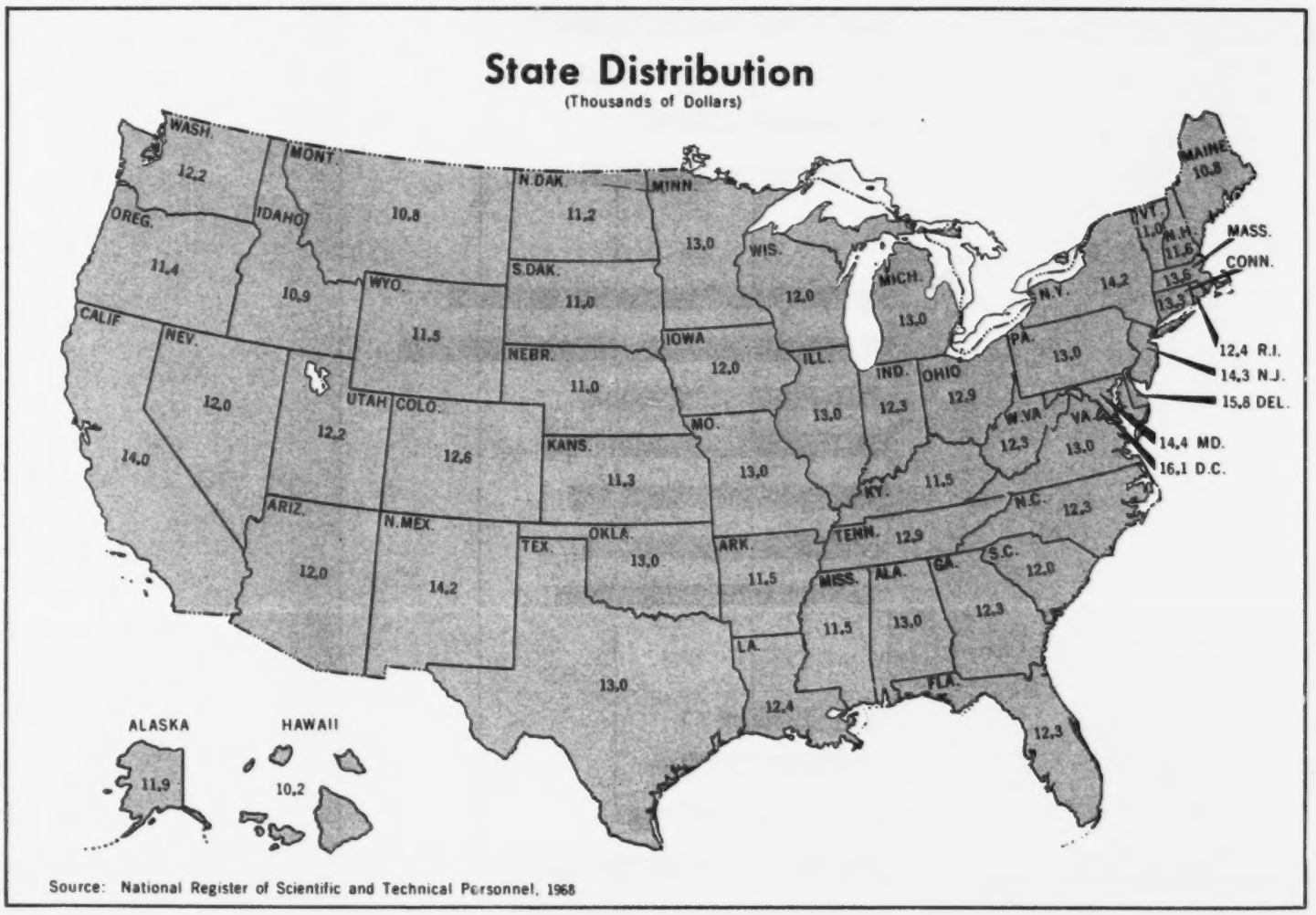


Source: National Register of Scientific and Technical Personnel, 1968



Source: National Register of Scientific and Technical Personnel, 1968

MEDIUM ANNUAL SALARIES—Con.



Source: National Register of Scientific and Technical Personnel, 1968

PART II. MAJOR CHARACTERISTICS

NOTES AND DEFINITIONS

- Percent details may not add to totals shown, because of rounding.
- "Not employed" includes retired persons, housewives, students, etc. Of the 12,707 total not employed, 2,503 held doctorates, 4,671 held master's degrees, and 5,278 held bachelor's degrees. Of the 27,833 women, 3,639 were not employed.
- "Educational institutions" include universities, colleges, medical schools, and secondary school systems.
- "Other government" employers consist of State, local, regional, and international agencies.
- Educational levels reported are highest earned degree, if any e.g., Ph.D., professional medical, master's, bachelor's, and "less than bachelor's" degree.

DOCTORATE HOLDERS

FIELD	TOTAL REGISTRANTS	PH.D. DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	111,206	37	100
CHEMISTRY	93,788	28,973	31	26
EARTH & MARINE SCIENCES	23,746	4,956	21	4
ATMOSPHERIC & SPACE SCIENCES	5,745	514	9	---
PHYSICS	32,491	14,311	44	13
MATHEMATICS	24,477	6,929	28	6
COMPUTER SCIENCES	6,972	469	7	---
AGRICULTURAL SCIENCES	12,740	2,332	18	2
BIOLOGICAL SCIENCES	46,183	22,344	48	20
PSYCHOLOGY	23,077	14,794	64	13
STATISTICS	2,639	929	35	1
ECONOMICS	11,510	6,112	53	5
SOCIOLOGY	6,638	3,396	51	3
POLITICAL SCIENCE	5,176	3,034	59	3
ANTHROPOLOGY	1,219	1,158	95	1
LINGUISTICS	1,541	955	62	1

SCIENTIFIC FIELD One-half (51 percent) of the doctorate scientists were in the physical and mathematical sciences, 35 percent were in the life sciences, and 13 percent were in the social sciences.

EMPLOYMENT STATUS	PH.D. DEGREE HOLDERS	
	NUMBER	PERCENT
ALL REGISTRANTS	111,206	100
FULL-TIME EMPLOYED	104,647	94
CIVILIAN	(103,715)	(93)
MILITARY	(932)	(1)
PART-TIME EMPLOYED	2,365	2
NOT EMPLOYED	2,503	2
NO REPORT	1,691	2

EMPLOYMENT STATUS Almost all doctorate holders (93 percent) were in full-time civilian employment.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	PH.D. DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	297,942	111,206	37	100
EDUCATIONAL INSTITUTIONS	117,746	64,624	55	58
FEDERAL GOVERNMENT	29,666	8,461	28	8
OTHER GOVERNMENT	10,031	2,300	23	2
NONPROFIT ORGANIZATIONS	11,204	4,937	44	4
INDUSTRY AND BUSINESS	95,776	24,099	25	22
SELF-EMPLOYED	6,462	1,945	30	2
MILITARY	7,155	949	13	1
OTHER	1,729	549	32	---
NO REPORT	5,468	839	15	1

TYPE OF EMPLOYER More than one-half (58 percent) of the doctorate holders were employed by educational institutions.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

DOCTORATE HOLDERS—Con.

PRIMARY WORK ACTIVITY	PH.D. DEGREE HOLDERS	
	NUMBER	PERCENT
ALL ACTIVITIES	111,206	100
RESEARCH AND DEVELOPMENT	42,390	38
BASIC RESEARCH	(26,727)	(24)
APPLIED RESEARCH	(14,147)	(13)
MANAGEMENT OR ADMINISTRATION	21,069	19
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(12,967)	(12)
TEACHING	33,902	30
PRODUCTION AND INSPECTION	782	1
CONSULTING	4,655	4
EXPLORATION, FORECASTING, REPORTING	1,099	1
OTHER	1,265	1
NO REPORT	3,541	3

PRIMARY WORK ACTIVITY

One-half of the doctorate holders were engaged primarily in some phase of research and development, including R&D management or administration; 30 percent of the doctorate holders reported teaching as their primary work activity.

YEARS OF PROFESSIONAL EXPERIENCE	PH.D. DEGREE HOLDERS	
	NUMBER	PERCENT
ALL YEARS	111,206	100
1 OR LESS	3,473	3
2 TO 4 YEARS	14,334	13
5 TO 9 YEARS	20,514	18
10 TO 14 YEARS	17,865	16
15 TO 19 YEARS	15,818	14
20 TO 24 YEARS	9,545	8
25 TO 29 YEARS	6,940	6
30 TO 34 YEARS	5,272	5
35 TO 39 YEARS	3,000	3
40 OR MORE	2,862	2
NO REPORT	11,583	10

YEARS OF PROFESSIONAL EXPERIENCE

The proportion of new doctorate scientists (less than 5 years of professional experience) was 16 percent.

AGE	TOTAL REGISTRANTS	PH.D. DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL AGES	297,942	111,206	37	100
24 OR UNDER	9,759	58	--	---
25-29	51,661	9,854	19	9
30-34	51,751	20,433	39	18
35-39	47,199	20,836	44	19
40-44	43,162	18,584	43	17
45-49	35,336	15,269	43	14
50-54	24,439	10,267	42	9
55-59	15,971	6,751	42	6
60-64	9,919	4,715	48	4
65-69	4,748	2,501	53	2
70 OR OVER	3,050	1,649	54	1
NO REPORT	947	289	30	---

AGE

The percentage of scientists with the doctorate increased generally with age, from 27 percent of the group less than 35 years old to 54 percent of those age 70 and over.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

MASTER'S DEGREE HOLDERS

FIELD	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	86,717	29	100
CHEMISTRY	93,788	20,121	21	23
EARTH & MARINE SCIENCES	23,746	7,651	32	9
ATMOSPHERIC & SPACE SCIENCES	5,745	1,555	27	2
PHYSICS	32,491	10,776	33	12
MATHEMATICS	24,477	12,094	49	14
COMPUTER SCIENCES	6,972	2,736	39	3
AGRICULTURAL SCIENCES	12,740	3,417	27	4
BIOLOGICAL SCIENCES	46,183	10,064	22	12
PSYCHOLOGY	23,077	8,000	35	9
STATISTICS	2,639	1,147	43	1
ECONOMICS	11,510	4,306	37	5
SOCIOLOGY	6,638	2,507	38	3
POLITICAL SCIENCE	5,176	1,897	37	2
ANTHROPOLOGY	1,219	33	3	---
LINGUISTICS	1,541	413	27	---

SCIENTIFIC FIELD Two-thirds (65 percent) of the master's degree holders were in the physical and mathematical sciences, 25 percent were in the life sciences, and 11 percent were in the social sciences.

EMPLOYMENT STATUS	MASTER'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL REGISTRANTS	86,717	100
FULL-TIME EMPLOYED	69,727	80
CIVILIAN	(67,608)	(78)
MILITARY	(2,119)	(2)
PART-TIME EMPLOYED	8,783	10
NOT EMPLOYED	4,671	5
NO REPORT	3,536	4

EMPLOYMENT STATUS Three-fourths (78 percent) of the scientists holding a master's degree were in full-time civilian employment.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDERS		
		NUMB...	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	297,942	86,717	29	100
EDUCATIONAL INSTITUTIONS	117,746	34,928	30	40
FEDERAL GOVERNMENT	29,666	8,208	28	9
OTHER GOVERNMENT	10,031	3,403	34	4
NONPROFIT ORGANIZATIONS	11,204	3,113	28	4
INDUSTRY AND BUSINESS	95,776	25,983	27	30
SELF-EMPLOYED	6,462	1,480	23	2
MILITARY	7,155	2,186	30	2
OTHER	1,729	579	33	1
NO REPORT	5,486	2,166	40	2

TYPE OF EMPLOYER Of the master's degree holders, two-fifths worked for educational institutions and one-third (30 percent) for industry and business.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

PRIMARY WORK ACTIVITY	MASTER'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL ACTIVITIES	86,717	100
RESEARCH AND DEVELOPMENT	25,938	30
BASIC RESEARCH	(9,197)	(11)
APPLIED RESEARCH	(13,361)	(15)
MANAGEMENT OR ADMINISTRATION	16,280	19
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(7,103)	(8)
TEACHING	20,719	24
PRODUCTION AND INSPECTION	3,614	4
CONSULTING	3,903	4
EXPLORATION, FORECASTING, REPORTING	4,695	5
OTHER	2,958	3
NO REPORT	3,939	4

PRIMARY WORK ACTIVITY

Of master's degree holders, 38 percent were engaged primarily in some phase of research or development, including R&D management or administration; 24 percent reported teaching as their primary work activity.

YEARS OF PROFESSIONAL EXPERIENCE	MASTER'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL YEARS	86,717	100
1 OR LESS	3,096	4
2 TO 4 YEARS	15,507	18
5 TO 9 YEARS	18,134	21
10 TO 14 YEARS	12,450	14
15 TO 19 YEARS	10,802	12
20 TO 24 YEARS	5,680	6
25 TO 29 YEARS	4,098	5
30 TO 34 YEARS	2,923	3
35 TO 39 YEARS	1,505	2
40 OR MORE	1,061	1
NO REPORT	11,461	13

YEARS OF PROFESSIONAL EXPERIENCE

One-fifth (21 percent) of the master's degree holders reported less than 5 years of professional experience.

AGE	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL AGES	297,942	87,717	29	100
24 OR UNDER	9,759	1,679	17	2
25-29	51,661	20,816	40	24
30-34	51,751	16,471	32	19
35-39	47,199	13,226	28	15
40-44	43,162	11,378	26	13
45-49	35,336	8,794	25	10
50-54	24,439	6,078	25	7
55-59	15,971	4,091	26	5
60-64	9,919	2,375	24	3
65-69	4,748	1,012	21	1
70 OR OVER	3,050	505	16	---
NO REPORT	947	292	31	---

AGE

More than two-fifths (45 percent) of the scientists holding the master's degree were less than 35 years old.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

BACHELOR'S DEGREE HOLDERS

FIELD	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	89,141	30	100
CHEMISTRY	93,788	43,127	46	48
EARTH & MARINE SCIENCES	23,746	10,893	46	12
ATMOSPHERIC & SPACE SCIENCES	5,745	3,168	55	4
PHYSICS	32,491	7,239	22	8
MATHEMATICS	24,477	5,147	21	6
COMPUTER SCIENCES	6,972	3,513	50	4
AGRICULTURAL SCIENCES	12,740	6,880	54	8
BIOLOGICAL SCIENCES	46,183	6,363	14	7
PSYCHOLOGY	23,077	248	1	---
STATISTICS	2,639	531	20	---
ECONOMICS	11,510	1,027	9	1
SOCIOLOGY	6,638	698	10	1
POLITICAL SCIENCE	5,176	157	3	---
ANTHROPOLOGY	1,219	16	1	---
LINGUISTICS	1,541	134	9	---

SCIENTIFIC FIELD Four-fifths (83 percent) of all bachelor's degree holders were in the physical and mathematical sciences, and 15 percent were in the life sciences.

EMPLOYMENT STATUS	BACHELOR'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL REGISTRANTS	89,141	100
FULL-TIME EMPLOYED	74,226	83
CIVILIAN	(71,092)	(80)
MILITARY	(3,134)	(4)
PART-TIME EMPLOYED	5,909	7
NOT EMPLOYED	5,278	6
NO REPORT	3,728	4

EMPLOYMENT STATUS Of scientists holding the bachelor's degree, 80 percent were in full-time civilian employment.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	297,942	89,141	30	100
EDUCATIONAL INSTITUTIONS	117,746	13,790	12	15
FEDERAL GOVERNMENT	29,666	12,174	41	14
OTHER GOVERNMENT	10,031	3,913	39	4
NONPROFIT ORGANIZATIONS	11,204	1,976	18	2
INDUSTRY AND BUSINESS	95,776	43,729	46	49
SELF-EMPLOYED	6,462	2,386	37	3
MILITARY	7,155	3,211	45	4
OTHER	1,729	517	30	---
NO REPORT	5,466	2,167	40	2

TYPE OF EMPLOYER Nearly one-half (46 percent) of the scientists employed by industry and business and 41 percent of those in Federal Government reported the bachelor's as highest degree.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

BACHELOR'S DEGREE HOLDERS—Con.

PRIMARY WORK ACTIVITY	BACHELOR'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL ACTIVITIES	89,141	100
RESEARCH AND DEVELOPMENT	23,727	27
BASIC RESEARCH	(8,153)	(9)
APPLIED RESEARCH	(9,628)	(11)
MANAGEMENT OR ADMINISTRATION	23,445	26
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(7,551)	(8)
TEACHING	6,171	7
PRODUCTION AND INSPECTION	12,094	14
CONSULTING	2,284	2
EXPLORATION, FORECASTING, REPORTING	8,043	9
OTHER	3,917	4
NO REPORT	4,182	5

PRIMARY WORK ACTIVITY

One-fourth (26 percent) of the bachelor's degree holders worked primarily in management or administration, 14 percent in production and inspection, and 11 percent in applied research.

YEARS OF PROFESSIONAL EXPERIENCE	BACHELOR'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL YEARS	89,141	100
1 OR LESS	4,546	5
2 TO 4 YEARS	13,641	15
5 TO 9 YEARS	15,371	17
10 TO 14 YEARS	10,570	12
15 TO 19 YEARS	11,369	13
20 TO 24 YEARS	6,281	7
25 TO 29 YEARS	5,180	6
30 TO 34 YEARS	3,365	4
35 TO 39 YEARS	1,504	2
40 OR MORE	1,136	1
NO REPORT	16,178	18

YEARS OF PROFESSIONAL EXPERIENCE

One-fifth of the bachelor's degree holders reported less than 5 years of professional experience.

AGE	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL PAGES	297,942	89,141	30	100
24 OR UNDER	9,759	7,867	81	9
25-29	51,661	20,281	39	23
30-34	51,751	13,323	26	15
35-39	47,199	11,215	24	12
40-44	43,162	11,472	26	13
45-49	35,336	9,743	28	11
50-54	24,439	6,902	28	8
55-59	15,971	4,176	26	5
60-64	9,919	2,205	22	2
65-69	4,748	933	20	1
70 OR OVER	3,050	711	23	1
NO REPORT	947	313	33	---

AGE

Nearly one-half (47 percent) of the bachelor's degree holders were less than 35 years old; 17 percent were 50 years of age or older.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

EMPLOYED IN EDUCATIONAL INSTITUTIONS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN EDUCATIONAL INSTITUTIONS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	117,746	40	100
CHEMISTRY	93,788	20,510	22	17
EARTH & MARINE SCIENCES	23,746	5,890	25	5
ATMOSPHERIC & SPACE SCIENCES	5,745	757	13	1
PHYSICS	32,491	15,522	48	13
MATHEMATICS	24,477	12,837	52	11
COMPUTER SCIENCES	6,972	921	13	1
AGRICULTURAL SCIENCES	12,740	2,933	23	2
BIOLOGICAL SCIENCES	46,183	27,141	59	23
PSYCHOLOGY	23,077	12,810	56	11
STATISTICS	2,639	889	34	1
ECONOMICS	11,510	6,681	58	6
SOCIOLOGY	6,638	4,827	73	4
POLITICAL SCIENCE	5,176	3,921	76	3
ANTHROPOLOGY	1,219	986	81	1
LINGUISTICS	1,541	1,121	73	1

SCIENTIFIC FIELD

Primary employment for about three-fourths of the registrants in sociology, political science, anthropology, and linguistics was in educational institutions; less than one-fourth of the registrants in chemistry, atmospheric and space sciences, computer sciences, and agricultural sciences were employed in educational institutions.

PRIMARY WORK ACTIVITY	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL ACTIVITIES	117,746	100
RESEARCH AND DEVELOPMENT	38,668	33
BASIC RESEARCH	(28,818)	(24)
APPLIED RESEARCH	(9,447)	(8)
MANAGEMENT OR ADMINISTRATION	10,278	9
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(3,680)	(3)
TEACHING	60,230	51
PRODUCTION AND INSPECTION	250	---
CONSULTING	2,181	2
EXPLORATION, FORECASTING, REPORTING	791	1
OTHER	1,854	2
NO REPORT	3,494	3

PRIMARY WORK ACTIVITY

One-half (51 percent) of the registrants in educational institutions were primarily engaged in teaching; 36 percent were primarily in research and development, including R&D management or administration.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

EMPLOYED IN EDUCATIONAL INSTITUTIONS—Con.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL YEARS	117,746	100
1 OR LESS	5,622	5
2 TO 4 YEARS	22,698	19
5 TO 9 YEARS	24,842	21
10 TO 14 YEARS	16,945	14
15 TO 19 YEARS	12,935	11
20 TO 24 YEARS	8,200	7
25 TO 29 YEARS	5,389	4
30 TO 34 YEARS	4,290	4
35 TO 39 YEARS	2,584	2
40 OR MORE	2,137	2
NO REPORT	12,104	10

YEARS OF PROFESSIONAL EXPERIENCE

One-fourth (24 percent) of the scientists employed in educational institutions reported less than 5 years of professional experience; an additional one-fifth (19 percent) reported 20 or more years of professional experience.

AGE	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL AGES	117,746	100
24 AND UNDER	4,127	4
25-29	22,866	19
30-34	22,163	19
35-39	19,048	16
40-44	15,700	13
45-49	12,459	10
50-54	8,572	7
55-59	5,913	5
60-64	4,109	3
65-69	1,856	2
70 AND OVER	544	---
NO REPORT	389	---

AGE

Of the scientists employed in educational institutions, 23 percent were less than 30 years old, and 18 percent were 50 years of age or older.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

TEACHING IN UNIVERSITIES AND COLLEGES

ACADEMIC RANK	TOTAL REGISTRANTS	REGISTRANTS WITH			
		PH.D. DEGREE	PROFESSIONAL MEDICAL DEGREE	MASTER'S DEGREE	BACHELOR'S DEGREE
ALL RANKS	77,052	50,282	2,581	18,690	5,230
DEAN	464	383	30	47	2
PROFESSOR	19,976	17,776	998	1,013	116
ASSOCIATE PROFESSOR	16,313	13,516	651	1,990	108
ASSISTANT PROFESSOR	20,442	14,447	592	4,982	378
INSTRUCTOR	6,693	940	102	4,985	639
LECTURER	1,028	455	5	464	98
RESEARCH ASSOCIATE	780	588	19	121	46
RESEARCH ASSISTANT	5,909	234	8	2,804	2,836
OTHER	1,330	374	73	640	233
NO REPORT	4,117	1,569	103	1,644	774

HIGHEST DEGREE AND ACADEMIC RANK

One-fourth (26 percent) of these university and college teachers were full professors.

NOTE: These data are based on scientists reporting teaching as a primary or secondary work activity.
SOURCE: National Register of Scientific and Technical Personnel, 1968.

EMPLOYED IN INDUSTRY AND BUSINESS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN INDUSTRY AND BUSINESS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	95,776	32	100
CHEMISTRY	93,788	53,291	57	56
EARTH & MARINE SCIENCES	23,746	9,809	41	10
ATMOSPHERIC & SPACE SCIENCES	5,745	537	9	---
PHYSICS	32,491	9,436	29	10
MATHEMATICS	24,477	7,289	30	8
COMPUTER SCIENCES	6,972	4,513	65	5
AGRICULTURAL SCIENCES	12,740	2,016	16	2
BIOLOGICAL SCIENCES	46,183	4,521	10	5
PSYCHOLOGY	23,077	1,747	8	2
STATISTICS	2,639	692	26	1
ECONOMICS	11,510	1,636	14	2
SOCIOLOGY	6,638	121	2	---
POLITICAL SCIENCE	5,176	116	2	---
ANTHROPOLOGY	1,219	11	1	---
LINGUISTICS	1,541	41	3	---

SCIENTIFIC FIELD

About two-thirds of the computer scientists were employed in industry and business; large concentrations of industrial employment were reported by those in chemistry (57 percent), earth and marine sciences (41 percent), and mathematics (30 percent).

PRIMARY WORK ACTIVITY	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL ACTIVITIES	95,776	100
RESEARCH AND DEVELOPMENT	34,271	36
BASIC RESEARCH	(6,675)	(7)
APPLIED RESEARCH	(18,034)	(19)
MANAGEMENT OR ADMINISTRATION	30,910	32
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(16,321)	(17)
TEACHING	254	---
PRODUCTION AND INSPECTION	14,057	15
CONSULTING	3,222	3
EXPLORATION, FORECASTING, REPORTING	7,637	8
OTHER	2,861	3
NO REPORT	2,564	3

PRIMARY WORK ACTIVITY

One-half (53 percent) of the registrants in industry and business were primarily engaged in research and development, including R&D management or administration.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL YEARS	95,776	100
1 OR LESS	2,602	3
2 TO 4 YEARS	10,862	11
5 TO 9 YEARS	17,055	18
10 TO 14 YEARS	14,722	15
15 TO 19 YEARS	15,803	16
20 TO 24 YEARS	8,366	9
25 TO 29 YEARS	6,869	7
30 TO 34 YEARS	4,579	5
35 TO 39 YEARS	1,907	2
40 OR MORE	963	1
NO REPORT	12,048	12

YEARS OF PROFESSIONAL EXPERIENCE

Of scientists employed in industry and business, 14 percent reported less than 5 years of professional experience.

AGE	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL AGES	95,776	100
24 AND UNDER	1,807	2
25-29	13,469	14
30-34	16,597	17
35-39	16,290	17
40-44	16,351	17
45-49	13,328	14
50-54	9,005	9
55-59	5,307	6
60-64	2,671	3
65-69	506	---
70 AND OVER	195	---
NO REPORT	250	---

AGE

About as many of the scientists employed in industry and business were less than 30 years old (16 percent) as were 50 years of age or older (18 percent).

SOURCE: National Register of Scientific and Technical Personnel, 1968.

EMPLOYED IN THE FEDERAL GOVERNMENT

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN THE FEDERAL GOVERNMENT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	29,666	10	100
CHEMISTRY	93,788	5,247	6	18
EARTH & MARINE SCIENCES	23,746	2,982	12	10
ATMOSPHERIC & SPACE SCIENCES	5,745	1,857	32	6
PHYSICS	32,491	3,717	11	12
MATHEMATICS	24,477	1,354	6	4
COMPUTER SCIENCES	6,972	516	7	2
AGRICULTURAL SCIENCES	12,740	4,785	38	16
BIOLOGICAL SCIENCES	46,183	5,080	11	17
PSYCHOLOGY	23,077	1,443	6	5
STATISTICS	2,639	588	22	2
ECONOMICS	11,510	1,417	12	5
SOCIOLOGY	6,638	240	4	1
POLITICAL SCIENCE	5,176	348	7	1
ANTHROPOLOGY	1,219	34	3	---
LINGUISTICS	1,541	58	4	---

SCIENTIFIC FIELD

About one-third of the registrants in agricultural sciences (38 percent) and atmospheric and space sciences (32 percent) were employed in the Federal Government.

PRIMARY WORK ACTIVITY	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL ACTIVITIES	29,666	100
RESEARCH AND DEVELOPMENT	12,249	41
BASIC RESEARCH	(5,664)	(19)
APPLIED RESEARCH	(6,060)	(20)
MANAGEMENT OR ADMINISTRATION	10,680	36
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(4,668)	(16)
TEACHING	294	1
PRODUCTION AND INSPECTION	1,087	4
CONSULTING	866	3
EXPLORATION, FORECASTING, REPORTING	2,333	8
OTHER	1,362	4
NO REPORT	795	3

PRIMARY WORK ACTIVITY

Nearly three-fifths (57 percent) of the registrants in the Federal Government were primarily engaged in research and development, including R&D management or administration.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL YEARS	29,666	100
1 OR LESS	649	2
2 TO 4 YEARS	3,061	10
5 TO 9 YEARS	5,836	20
10 TO 14 YEARS	4,805	16
15 TO 19 YEARS	4,719	16
20 TO 24 YEARS	2,806	9
25 TO 29 YEARS	2,492	8
30 TO 34 YEARS	1,677	6
35 TO 39 YEARS	755	2
40 OR MORE	379	1
NO REPORT	2,487	8

YEARS OF PROFESSIONAL EXPERIENCE

Of registrants employed in the Federal Government, 13 percent reported less than 5 years of professional experience.

AGE	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL AGES	29,666	100
24 AND UNDER	306	1
25-29	3,379	11
30-34	4,917	16
35-39	4,971	17
40-44	4,572	15
45-49	4,298	14
50-54	3,311	11
55-59	2,232	8
60-64	1,171	4
65-69	364	1
70 AND OVER	83	---
NO REPORT	62	---

AGE

Of registrants employed in the Federal Government, 13 percent cent were less than 30 years old, and 24 percent were 50 years of age or older.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

EMPLOYED IN NONPROFIT ORGANIZATIONS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN NONPROFIT ORGANIZATIONS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	11,204	4	100
CHEMISTRY	93,788	2,121	2	19
EARTH & MARINE SCIENCES	23,746	249	1	2
ATMOSPHERIC & SPACE SCIENCES	5,745	114	2	1
PHYSICS	32,491	882	3	8
MATHEMATICS	24,477	681	3	6
COMPUTER SCIENCES	6,972	475	7	4
AGRICULTURAL SCIENCES	12,740	148	1	1
BIOLOGICAL SCIENCES	46,183	2,893	6	26
PSYCHOLOGY	23,077	2,318	10	21
STATISTICS	2,639	132	5	1
ECONOMICS	11,510	505	4	4
SOCIOLOGY	6,638	343	5	3
POLITICAL SCIENCE	5,176	200	4	2
ANTHROPOLOGY	1,219	25	2	---
LINGUISTICS	1,541	118	8	1

SCIENTIFIC FIELD

One-fourth (26 percent) of the registrants employed in nonprofit organizations were in biological sciences.

PRIMARY WORK ACTIVITY	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL ACTIVITIES	11,204	100
RESEARCH AND DEVELOPMENT	4,970	44
BASIC RESEARCH	(2,315)	(21)
APPLIED RESEARCH	(2,425)	(22)
MANAGEMENT OR ADMINISTRATION	2,921	26
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(1,517)	(14)
TEACHING	218	2
PRODUCTION AND INSPECTION	209	2
CONSULTING	1,642	15
EXPLORATION, FORECASTING, REPORTING	456	4
OTHER	425	4
NO REPORT	363	3

PRIMARY WORK ACTIVITY

Of the registrants in nonprofit organizations, 44 percent were primarily engaged in research and development.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL YEARS	11,204	100
1 OR LESS	355	3
2 TO 4 YEARS	1,455	13
5 TO 9 YEARS	2,201	20
10 TO 14 YEARS	1,890	17
15 TO 19 YEARS	1,712	15
20 TO 24 YEARS	995	9
25 TO 29 YEARS	648	6
30 TO 34 YEARS	413	4
35 TO 39 YEARS	243	2
40 OR MORE	189	2
NO REPORT	1,103	10

YEARS OF PROFESSIONAL EXPERIENCE

Of registrants employed in nonprofit organizations, 16 percent reported less than 5 years of professional experience.

AGE	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL AGES	11,204	100
24 AND UNDER	155	1
25-29	1,351	12
30-34	1,992	18
35-39	2,051	18
40-44	1,930	17
45-49	1,509	13
50-54	950	8
55-59	616	5
60-64	362	3
65-69	153	1
70 AND OVER	88	1
NO REPORT	47	---

AGE

Of the registrants employed in nonprofit organizations, 13 percent were less than 30 years old, and 19 percent were 50 years of age or older.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

SALARIES

(Full-Time Employed Civilians)

FIELD	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS		
	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL FIELDS	15,000	12,000	12,000
CHEMISTRY	15,600	13,000	12,000
EARTH & MARINE SCIENCES	14,000	12,000	13,000
ATMOSPHERIC & SPACE SCIENCES	16,100	13,700	13,000
PHYSICS	15,900	12,600	12,600
MATHEMATICS	14,000	11,400	15,000
COMPUTER SCIENCES	18,100	14,400	13,800
AGRICULTURAL SCIENCES	14,400	10,900	10,000
BIOLOGICAL SCIENCES	14,200	10,000	9,600
PSYCHOLOGY	14,500	11,500	11,800
STATISTICS	16,000	14,000	14,200
ECONOMICS	15,800	12,600	14,500
SOCIOLOGY	13,500	9,300	9,000
POLITICAL SCIENCE	13,000	9,500	12,000
ANTHROPOLOGY	12,800	11,500	------
LINGUISTICS	12,200	9,000	9,000

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SCIENTIFIC FIELD Highest median annual salaries were reported by doctorates ($18,100) and master's degree holders ($14,400) in computer sciences and by bachelor's degree holders in mathematics ($15,000).

TYPE OF EMPLOYER	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL EMPLOYERS	13,200
EDUCATIONAL INSTITUTIONS	
ACADEMIC YEAR BASE	11,000
CALENDAR YEAR BASE	13,500
FEDERAL GOVERNMENT	13,500
OTHER GOVERNMENT	11,200
NONPROFIT ORGANIZATIONS	14,700
INDUSTRY AND BUSINESS	14,700
SELF-EMPLOYED	18,000

TYPE OF EMPLOYER The highest median salary of $18,000 was reported by self-employed scientists.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

PRIMARY WORK ACTIVITY	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL ACTIVITIES	13,200
RESEARCH AND DEVELOPMENT	13,400
BASIC RESEARCH	(13,000)
APPLIED RESEARCH	(13,800)
MANAGEMENT OR ADMINISTRATION	17,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(18,400)
TEACHING	
ACADEMIC YEAR BASE	10,500
CALENDAR YEAR BASE	13,000
PRODUCTION AND INSPECTION	12,000
CONSULTING	14,400
EXPLORATION, FORECASTING, REPORTING	12,500

PRIMARY WORK ACTIVITY The highest median salary, $18,400, was reported for scientists managing or administering research and development.

YEARS OF PROFESSIONAL EXPERIENCE	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL YEARS	13,200
1 OR LESS	9,000
2 TO 4 YEARS	10,000
5 TO 9 YEARS	11,700
10 TO 14 YEARS	13,800
15 TO 19 YEARS	15,100
20 TO 24 YEARS	16,200
25 TO 29 YEARS	17,000
30 TO 34 YEARS	17,200
35 TO 39 YEARS	17,000
40 OR MORE	16,300

YEARS OF PROFESSIONAL EXPERIENCE Median salaries increased with number of years of professional experience up to 30-34 years; the overall median salary of $13,200 was reached between 10 and 14 years of experience.

AGE	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL AGES	13,200
24 AND UNDER	7,900
25-29	9,600
30-34	11,500
35-39	13,400
40-44	15,000
45-49	16,000
50-54	16,400
55-59	16,200
60-64	16,200
65-69	16,000
70 AND OVER	14,000
NO REPORT	11,400

AGE Median salaries increased generally up to ages 55-59; the overall median salary of $13,200 was reached between ages 35 and 39.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

GEOGRAPHIC LOCATION

GEOGRAPHIC LOCATIONS	TOTAL REGISTRANTS	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL LOCATIONS	297,942	13,200
SELECTED STATES	179,410	------
CALIFORNIA	33,275	14,000
NEW YORK	31,279	14,200
PENNSYLVANIA	16,421	13,000
ILLINOIS	15,250	13,000
TEXAS	14,861	13,000
NEW JERSEY	14,004	14,300
OHIO	13,121	12,900
MASSACHUSETTS	12,137	13,600
MICHIGAN	10,605	13,000
MARYLAND	9,628	14,400
DISTRICT OF COLUMBIA	8,829	16,100

SELECTED STATES Three-fifths (57 percent) of the scientists were located in 10 States.

STANDARD METROPOLITAN STATISTICAL AREAS	TOTAL REGISTRANTS	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL LOCATIONS	297,942	13,200
SELECTED METROPOLITAN AREAS	126,592	------
NEW YORK, N.Y.	18,611	15,000
WASHINGTON, D.C.-MD.-VA.	16,537	15,800
LOS ANGELES-LONG BEACH, CALIF.	10,807	15,000
CHICAGO, ILL.	10,049	13,600
BOSTON, MASS.	8,946	14,000
PHILADELPHIA, PA.-N.J.	8,157	14,000
SAN FRANCISCO-OAKLAND, CALIF.	7,868	14,000
NEWARK, N.J.	5,270	15,000
HOUSTON, TEX.	4,727	13,900
PITTSBURGH, PA.	3,855	14,000
MINNEAPOLIS-ST. PAUL, MINN.	3,792	13,800
DENVER, COLO.	3,733	13,400
SAN JOSE, CALIF.	3,471	15,000
ST. LOUIS, MO.-ILL.	3,150	14,000
CLEVELAND, OHIO	3,141	13,500
WILMINGTON, DEL.-N.J.-MD.	3,132	15,900
DETROIT, MICH.	3,117	13,100
BALTIMORE, MD.	3,109	13,600
SEATTLE-EVERETT, WASH.	2,640	13,000
ROCHESTER, N.Y.	2,480	14,500

SELECTED STANDARD METROPOLITAN STATISTICAL AREAS Two-fifths (42 percent) of the scientists were located in 20 metropolitan areas. Scientists in Detroit, Mich., and Seattle-Everett, Wash., reported median salaries below the $13,200 overall median.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

FOREIGN-LANGUAGE KNOWLEDGE

FIELD	TOTAL REGISTRANTS	REGISTRANTS REPORTING A FOREIGN LANGUAGE		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	238,484	80	100
CHEMISTRY	93,788	76,301	81	32
EARTH & MARINE SCIENCES	23,746	18,226	77	8
ATMOSPHERIC & SPACE SCIENCES	5,745	4,047	70	2
PHYSICS	32,491	28,579	88	12
MATHEMATICS	24,477	19,066	78	8
COMPUTER SCIENCES	6,972	4,872	70	2
AGRICULTURAL SCIENCES	12,740	6,086	48	2
BIOLOGICAL SCIENCES	46,183	38,490	83	16
PSYCHOLOGY	23,077	18,224	79	8
STATISTICS	2,639	2,091	79	1
ECONOMICS	11,510	9,286	81	4
SOCIOLOGY	6,638	5,842	88	2
POLITICAL SCIENCE	5,176	4,671	90	2
ANTHROPOLOGY	1,219	1,191	98	---
LINGUISTICS	1,541	1,512	98	1

SCIENTIFIC FIELD Over 70 percent of the registrants in each of the fields (except those in agricultural sciences) reported some knowledge of a foreign language.

NOTE: These data are based on a maximum of two foreign languages reported by 238,484 of the 297,942 total registrants.
SOURCE: National Register of Scientific and Technical Personnel, 1968.

RECEIVING FEDERAL SUPPORT

FIELD	TOTAL REGISTRANTS	REGISTRANTS RECEIVING FEDERAL SUPPORT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	127,415	43	100
CHEMISTRY	93,788	25,967	28	20
EARTH & MARINE SCIENCES	23,746	6,910	29	5
ATMOSPHERIC & SPACE SCIENCES	5,745	5,067	88	4
PHYSICS	32,491	20,190	62	16
MATHEMATICS	24,477	8,757	36	7
COMPUTER SCIENCES	6,972	3,667	52	3
AGRICULTURAL SCIENCES	12,740	8,858	70	7
BIOLOGICAL SCIENCES	46,183	27,356	59	21
PSYCHOLOGY	23,077	10,024	43	8
STATISTICS	2,639	1,545	58	1
ECONOMICS	11,510	4,353	38	3
SOCIOLOGY	6,638	2,311	35	2
POLITICAL SCIENCE	5,176	1,484	29	1
ANTHROPOLOGY	1,219	476	39	---
LINGUISTICS	1,541	450	29	---

SCIENTIFIC FIELD

Most of the atmospheric and space scientists (88 percent) and agricultural scientists (70 percent) were supported by Federal funds.

GOVERNMENT PROGRAM	REGISTRANTS RECEIVING FEDERAL SUPPORT			
	TOTAL	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL PROGRAMS	127,415	53,993	33,540	33,400
AGRICULTURE	15,428	7,433	3,679	4,087
ATOMIC ENERGY	12,343	6,342	2,866	2,949
DEFENSE	31,865	10,132	9,959	10,975
EDUCATION	18,817	9,110	6,412	2,805
HEALTH	30,703	17,482	4,433	4,078
HOUSING	951	341	334	257
INTERNATIONAL	2,975	1,603	785	502
NATURAL RESOURCES	12,685	3,688	3,404	5,471
PUBLIC WORKS	1,787	323	514	924
RURAL DEVELOPMENT	1,802	534	511	738
SPACE	13,012	5,037	3,788	3,970
TRANSPORTATION	2,823	743	936	1,084
URBAN DEVELOPMENT	2,464	1,042	846	550
OTHER	16,796	6,916	4,439	4,833

GOVERNMENT PROGRAM AND HIGHEST DEGREE

Federal support was reported most frequently in defense and health programs. Of all registrants doing federally supported work, 42 percent were doctorate scientists.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	REGISTRANTS RECEIVING FEDERAL SUPPORT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	297,942	127,415	43	100
EDUCATIONAL INSTITUTIONS	117,746	56,508	48	44
FEDERAL GOVERNMENT	29,666	29,666	100	23
OTHER GOVERNMENT	10,031	5,533	55	4
NONPROFIT ORGANIZATIONS	11,204	6,650	59	5
INDUSTRY AND BUSINESS	95,776	19,021	20	15
SELF-EMPLOYED	6,462	1,032	16	1
MILITARY	7,155	7,155	100	6
OTHER	1,729	779	45	1
NO REPORT	5,466	1,071	20	1

TYPE OF EMPLOYER

One-half of the scientists employed by educational institutions (48 percent) and 20 percent of those employed in industry and business reported doing federally supported work.

NOTE: Scientists employed by the Federal Government and the military services receive their salaries directly from the U.S. Treasury. Scientists employed by other types of employers are supported or sponsored in whole or in part by Federal funds through contracts or grants. SOURCE: National Register of Scientific and Technical Personnel, 1968.

WOMEN

FIELD	TOTAL REGISTRANTS	WOMEN		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	297,942	27,833	9	100
CHEMISTRY	93,788	7,486	8	27
EARTH & MARINE SCIENCES	23,746	853	4	3
ATMOSPHERIC & SPACE SCIENCES	5,745	87	2	---
PHYSICS	32,491	1,156	4	4
MATHEMATICS	24,477	2,736	11	10
COMPUTER SCIENCES	6,972	792	11	3
AGRICULTURAL SCIENCES	12,740	38	--	---
BIOLOGICAL SCIENCES	46,183	5,907	13	21
PSYCHOLOGY	23,077	5,319	23	19
STATISTICS	2,639	316	12	1
ECONOMICS	11,510	635	6	2
SOCIOLOGY	6,638	1,467	22	5
POLITICAL SCIENCE	5,176	474	9	2
ANTHROPOLOGY	1,219	222	18	1
LINGUISTICS	1,541	345	22	1

SCIENTIFIC FIELD Most of the women scientists were concentrated in four fields: chemistry (27 percent), biological sciences (21 percent), psychology (19 percent), and mathematics (10 percent).

FIELD	WOMEN			
	TOTAL	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL FIELDS	27,833	8,305	11,417	7,542
CHEMISTRY	7,486	1,298	2,161	3,935
EARTH & MARINE SCIENCES	853	129	362	357
ATMOSPHERIC & SPACE SCIENCES	87	11	29	42
PHYSICS	1,156	290	519	343
MATHEMATICS	2,736	452	1,757	514
COMPUTER SCIENCES	792	10	267	499
AGRICULTURAL SCIENCES	38	7	15	15
BIOLOGICAL SCIENCES	5,907	2,203	1,979	1,319
PSYCHOLOGY	5,319	2,561	2,685	64
STATISTICS	316	51	176	87
ECONOMICS	635	241	312	78
SOCIOLOGY	1,467	474	760	227
POLITICAL SCIENCE	474	207	251	14
ANTHROPOLOGY	222	209	8	4
LINGUISTICS	345	162	136	44

HIGHEST DEGREE Three-fourths of the women doctorates were in psychology (31 percent), biological sciences (27 percent), and chemistry (16 percent).

TYPE OF EMPLOYER	WOMEN	
	NUMBER	PERCENT
ALL REGISTRANTS	27,833	100
EDUCATIONAL INSTITUTIONS	14,505	52
FEDERAL GOVERNMENT	1,882	7
OTHER GOVERNMENT	1,134	4
NONPROFIT ORGANIZATIONS	1,807	6
INDUSTRY AND BUSINESS	3,381	12
SELF-EMPLOYED	563	2
MILITARY	72	---
OTHER	229	1
NO REPORT	621	2

TYPE OF EMPLOYER One-half (52 percent) of the women scientists were employed by educational institutions.

SOURCE: National Register of Scientific and Technical Personnel, 1968.

PRIMARY WORK ACTIVITY	WOMEN	
	NUMBER	PERCENT
ALL ACTIVITIES	27,833	100
RESEARCH AND DEVELOPMENT	8,321	30
BASIC RESEARCH	(4,380)	(16)
APPLIED RESEARCH	(3,520)	(13)
MANAGEMENT OR ADMINISTRATION	1,837	7
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(667)	(2)
TEACHING	8,471	30
PRODUCTION AND INSPECTION	669	2
CONSULTING	1,774	6
EXPLORATION, FORECASTING, REPORTING	1,025	4
OTHER	990	4
NO REPORT	1,107	4

PRIMARY WORK ACTIVITY

One-third (32 percent) of the women scientists were primarily engaged in research and development, including R&D management or administration; one-third (30 percent) of the women were in teaching.

YEARS OF PROFESSIONAL EXPERIENCE	WOMEN	
	NUMBER	PERCENT
ALL YEARS	27,833	100
1 OR LESS	1,324	5
2 TO 4 YEARS	5,099	18
5 TO 9 YEARS	5,397	19
10 TO 14 YEARS	3,383	12
15 TO 19 YEARS	2,411	9
20 TO 24 YEARS	2,044	7
25 TO 29 YEARS	1,377	5
30 TO 34 YEARS	932	3
35 TO 39 YEARS	576	2
40 OR MORE	535	2
NO REPORT	4,755	17

YEARS OF PROFESSIONAL EXPERIENCE

One-fourth (23 percent) of the women scientists reported less than 5 years of professional experience.

FIELD	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN WOMEN SCIENTISTS
ALL FIELDS	10,000
CHEMISTRY	9,000
EARTH & MARINE SCIENCES	9,500
ATMOSPHERIC & SPACE SCIENCES	11,300
PHYSICS	10,200
MATHEMATICS	9,400
COMPUTER SCIENCES	11,800
AGRICULTURAL SCIENCES	------
BIOLOGICAL SCIENCES	9,900
PSYCHOLOGY	11,500
STATISTICS	12,000
ECONOMICS	12,000
SOCIOLOGY	10,000
POLITICAL SCIENCE	9,700
ANTHROPOLOGY	11,000
LINGUISTICS	9,600

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SALARIES OF FULL-TIME EMPLOYED WOMEN SCIENTISTS

The highest median annual salaries of women scientists were in the fields of statistics and economics ($12,000).

SOURCE: National Register of Scientific and Technical Personnel, 1968.

APPENDIXES

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CHARACTERISTICS	NUMBER	PERCENT
REGISTERED SCIENTISTS	297,942	100
MEN	270,109	91
WOMEN	27,833	9
FIELD OF SCIENCE		
CHEMISTRY	93,788	32
EARTH & MARINE SCIENCES	23,746	8
ATMOSPHERIC & SPACE SCIENCES	5,745	2
PHYSICS	32,491	11
MATHEMATICS	24,477	8
COMPUTER SCIENCES	6,972	2
AGRICULTURAL SCIENCES	12,740	4
BIOLOGICAL SCIENCES	46,183	16
PSYCHOLOGY	23,077	8
STATISTICS	2,639	1
ECONOMICS	11,510	4
SOCIOLOGY	6,638	2
POLITICAL SCIENCE	5,176	2
ANTHROPOLOGY	1,219	---
LINGUISTICS	1,541	1
HIGHEST DEGREE		
DOCTORATE	111,206	37
PROFESSIONAL MEDICAL	7,455	3
MASTER'S	86,717	29
BACHELOR'S	89,141	30
LESS THAN BACHELOR'S	353	---
NO REPORT	3,070	1
AGE (MEDIAN AGE 38)		
24 OR UNDER	9,759	3
25-29	51,661	17
30-34	51,751	17
35-39	47,199	16
40-44	43,162	14
45-49	35,336	12
50-54	24,439	8
55-59	15,971	5
60-64	9,919	3
65-69	4,748	2
70 OR OVER	3,050	1
NO REPORT	947	---
EMPLOYMENT STATUS		
FULL-TIME EMPLOYED	258,536	87
CIVILIAN	251,555	84
MILITARY	6,981	2
PART-TIME EMPLOYED	17,476	6
NOT EMPLOYED	12,707	4
NO REPORT	9,223	3
TYPE OF EMPLOYER		
EDUCATIONAL INSTITUTIONS	117,746	40
FEDERAL GOVERNMENT	29,666	10
OTHER GOVERNMENT	10,031	3
NONPROFIT ORGANIZATIONS	11,204	4
INDUSTRY AND BUSINESS	95,776	32
SELF-EMPLOYED	6,462	2
MILITARY	7,155	2
OTHER	1,729	1
NOT EMPLOYED	12,707	4
NO REPORT	5,466	2
PRIMARY WORK ACTIVITY		
RESEARCH AND DEVELOPMENT	96,036	32
BASIC RESEARCH	46,177	15
APPLIED RESEARCH	38,841	13
MANAGEMENT OR ADMINISTRATION	62,870	21
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	28,568	10
TEACHING	62,087	21
PRODUCTION AND INSPECTION	16,847	6
CONSULTING	12,334	4
EXPLORATION, FORECASTING, REPORTING	14,365	5
OTHER	8,416	3
NOT EMPLOYED	12,707	4
NO REPORT	12,280	4
YEARS OF PROFESSIONAL EXPERIENCE		
1 OR LESS	11,312	4
2-4	44,308	15
5-9	55,645	19
10-14	42,590	14
15-19	39,352	13
20-24	22,729	8
25-29	17,030	6
30-34	12,294	4
35-39	6,458	2
40 OR MORE	5,422	2
NO REPORT	40,802	14
FEDERAL SUPPORT STATUS		
RECEIVING SUPPORT	127,415	43
NO SUPPORT	137,181	46
STATUS UNKNOWN	10,192	3
NO REPORT	23,154	8

NOTE - PERCENTS MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

APPENDIX TABLE A-2. SALARY DISTRIBUTION OF SCIENTISTS, BY FIELD, 1968

SCIENTIFIC AND TECHNICAL FIELD	LOWER DECILE	LOWER QUARTILE	MEDIAN	UPPER QUARTILE	UPPER DECILE
ALL FIELDS	8,500	10,400	13,200	17,000	21,500
CHEMISTRY	8,500	10,500	13,500	17,000	21,000
EARTH & MARINE SCIENCES	9,000	10,500	12,900	16,000	20,000
ATMOSPHERIC & SPACE SCIENCES	9,600	11,400	13,400	15,800	19,600
PHYSICS	9,000	11,000	14,000	18,000	22,500
MATHEMATICS	8,000	10,000	13,000	17,500	22,300
COMPUTER SCIENCES	10,300	12,000	14,100	17,000	20,300
AGRICULTURAL SCIENCES	7,600	9,000	11,000	13,500	16,900
BIOLOGICAL SCIENCES	7,500	10,000	13,000	17,600	23,000
PSYCHOLOGY	9,400	11,000	13,200	16,200	20,200
STATISTICS	10,200	12,000	14,900	18,200	22,000
ECONOMICS	9,800	11,700	15,000	19,000	24,000
SOCIOLOGY	8,000	9,500	12,000	15,500	19,500
POLITICAL SCIENCE	8,400	9,600	12,000	16,000	21,000
ANTHROPOLOGY	9,500	10,500	12,700	16,900	20,400
LINGUISTICS	8,000	9,500	11,500	15,000	19,000

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-3. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	297,942	111,206	7,455	86,717	89,141	353	3,070
24 AND UNDER	9,759	58	1	1,679	7,867	------	154
25-29	51,661	9,854	418	20,816	20,281	------	292
30-34	51,751	20,433	1,089	16,471	13,323	------	435
35-39	47,199	20,836	1,451	13,226	11,215	------	471
40-44	43,162	18,584	1,339	11,378	11,472	1	388
45-49	35,336	15,269	1,181	8,794	9,743	3	346
50-54	24,439	10,267	830	6,078	6,902	58	304
55-59	15,971	6,751	516	4,091	4,176	151	286
60-64	9,919	4,715	361	2,375	2,205	93	170
65-69	4,748	2,501	158	1,012	933	31	113
70 AND OVER	3,050	1,649	92	505	711	15	78
NO REPORT	947	289	19	292	313	1	33
CHEMISTRY	93,788	28,973	211	20,121	43,127	160	1,196
24 AND UNDER	6,563	26	1	545	5,866	------	125
25-29	17,413	3,310	63	4,352	9,582	------	106
30-34	13,530	5,355	45	2,953	5,078	------	99
35-39	11,793	4,996	28	2,529	4,136	------	104
40-44	11,889	4,077	17	2,787	4,886	------	122
45-49	11,417	3,840	18	2,407	5,038	2	112
50-54	8,588	2,732	19	1,922	3,741	25	149
55-59	5,456	1,789	8	1,243	2,214	66	136
60-64	3,370	1,288	3	697	1,241	44	97
65-69	1,845	782	1	348	624	15	75
70 AND OVER	1,624	719	8	276	558	8	55
NO REPORT	300	59	------	62	163	------	16
EARTH & MARINE SCIENCES	23,746	4,956	1	7,651	10,893	59	186
24 AND UNDER	746	------	------	58	684	------	4
25-29	2,762	241	------	1,222	1,283	------	16
30-34	3,569	923	------	1,475	1,152	------	19
35-39	4,326	1,054	------	1,579	1,675	------	18
40-44	4,514	767	------	1,305	2,414	------	28
45-49	3,155	666	------	845	1,622	------	22
50-54	1,938	484	------	502	919	11	22
55-59	1,247	320	------	303	573	23	28
60-64	820	256	1	209	325	16	13
65-69	356	138	------	80	125	5	8
70 AND OVER	240	96	------	50	85	4	5
NO REPORT	73	11	------	23	36	------	3
ATMOSPHERIC & SPACE SCIENCES	5,745	514	------	1,555	3,168	39	469
24 AND UNDER	196	------	------	22	174	------	------
25-29	1,164	37	------	236	888	------	3
30-34	799	82	------	250	394	------	73
35-39	972	93	------	313	423	------	143
40-44	639	74	------	181	302	------	82
45-49	893	119	------	269	426	1	78
50-54	657	67	------	186	351	6	47
55-59	269	27	------	64	130	21	27
60-64	115	10	------	22	62	9	12
65-69	25	4	------	9	9	2	1
70 AND OVER	9	1	------	3	3	------	2
NO REPORT	7	------	------	------	6	------	1
PHYSICS	32,491	14,311	7	10,776	7,239	5	153
24 AND UNDER	564	6	------	202	355	------	1
25-29	7,950	1,718	------	3,470	2,741	------	21
30-34	7,431	3,590	------	2,366	1,441	------	34
35-39	5,329	2,848	------	1,521	935	------	25
40-44	4,230	2,383	5	1,150	669	------	23
45-49	2,994	1,591	1	859	528	------	15
50-54	1,615	827	1	479	294	1	13
55-59	1,070	563	------	345	148	1	13
60-64	748	440	------	232	71	2	3
65-69	388	246	------	110	29	------	3
70 AND OVER	91	74	------	12	5	------	------
NO REPORT	81	25	------	30	23	1	2
MATHEMATICS	24,477	6,929	3	12,094	5,147	29	275
24 AND UNDER	277	13	------	219	40	------	5
25-29	5,267	1,053	1	3,173	1,005	------	35
30-34	5,541	1,610	------	2,659	1,222	------	50
35-39	4,317	1,222	------	1,979	1,061	------	55
40-44	3,413	1,042	------	1,567	769	1	34
45-49	2,085	674	1	948	427	------	35
50-54	1,434	504	------	628	276	4	22
55-59	1,031	335	1	474	192	12	18
60-64	679	271	------	293	96	10	9
65-69	311	147	------	112	41	2	9
70 AND OVER	94	56	------	24	13	1	------
NO REPORT	28	2	------	18	5	------	3

APPENDIX TABLE A-3. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	6,972	469	1	2,736	3,513	3	250
24 AND UNDER	118	1	------	55	50	------	12
25-29	1,710	61	------	764	837	------	48
30-34	2,121	122	1	759	1,160	------	79
35-39	1,512	112	------	574	774	------	52
40-44	875	91	------	322	434	------	28
45-49	395	42	------	169	169	------	15
50-54	147	21	------	63	54	------	9
55-59	60	13	------	21	20	2	4
60-64	18	2	------	6	6	1	3
65-69	7	1	------	3	3	------	------
70 AND OVER	3	3	------	------	------	------	------
NO REPORT	6	------	------	------	6	------	------
AGRICULTURAL SCIENCES	12,740	2,332	3	3,417	6,880	13	95
24 AND UNDER	195	------	------	53	140	------	2
25-29	2,135	101	------	686	1,329	------	19
30-34	2,256	296	------	556	1,381	------	23
35-39	2,106	462	------	510	1,120	------	14
40-44	1,843	375	------	465	1,000	------	3
45-49	1,660	480	3	455	706	------	16
50-54	1,195	299	------	314	573	4	5
55-59	795	161	------	216	407	6	5
60-64	357	97	------	105	152	------	3
65-69	112	39	------	36	33	3	1
70 AND OVER	37	15	------	7	12	------	3
NO REPORT	49	7	------	14	27	------	1
BIOLOGICAL SCIENCES	46,183	22,344	7,185	10,064	6,363	31	196
24 AND UNDER	588	5	------	209	371	------	3
25-29	6,615	1,543	351	2,756	1,942	------	23
30-34	7,837	3,782	1,036	1,954	1,033	------	32
35-39	7,943	4,311	1,418	1,455	727	------	32
40-44	7,474	4,211	1,311	1,206	710	------	36
45-49	5,763	3,115	1,154	918	551	------	25
50-54	4,168	2,251	805	642	452	5	13
55-59	2,786	1,425	503	496	333	13	16
60-64	1,836	1,039	352	269	158	9	9
65-69	722	437	155	85	39	3	3
70 AND OVER	273	155	81	22	13	1	1
NO REPORT	178	70	19	52	34	------	3
PSYCHOLOGY	23,077	14,794	14	8,000	248	------	21
24 AND UNDER	72	------	------	71	1	------	------
25-29	2,259	822	------	1,375	59	------	3
30-34	3,739	2,296	2	1,393	46	------	2
35-39	4,285	2,950	2	1,293	39	------	1
40-44	4,403	3,046	4	1,324	26	------	3
45-49	3,215	2,201	2	978	31	------	3
50-54	2,047	1,400	------	628	18	------	1
55-59	1,432	964	3	452	12	------	1
60-64	829	541	1	274	13	------	------
65-69	396	285	------	110	1	------	------
70 AND OVER	301	236	------	59	2	------	4
NO REPORT	99	53	------	43	------	------	3
STATISTICS	2,639	929	2	1,147	531	3	27
24 AND UNDER	11	------	------	11	------	------	------
25-29	380	110	------	229	40	------	1
30-34	534	193	------	258	82	------	1
35-39	452	180	------	189	81	------	2
40-44	374	143	1	139	85	------	6
45-49	310	109	------	122	76	------	3
50-54	278	85	------	105	80	2	6
55-59	182	53	------	65	57	1	6
60-64	75	32	1	21	19	------	2
65-69	33	19	------	7	7	------	------
70 AND OVER	9	5	------	-- --	4	------	------
NO REPORT	1	------	------	1	------	------	------
ECONOMICS	11,510	6,112	2	4,306	1,027	8	55
24 AND UNDER	59	1	------	48	10	------	------
25-29	1,479	306	------	972	198	------	3
30-34	1,917	906	------	825	180	------	6
35-39	1,900	1,087	1	658	150	------	4
40-44	1,547	963	1	456	121	------	6
45-49	1,679	1,068	------	485	121	------	5
50-54	1,172	723	------	344	101	------	4
55-59	794	462	------	251	67	4	10
60-64	505	282	------	163	51	2	7
65-69	268	182	------	63	15	1	7
70 AND OVER	160	116	------	31	9	1	3
NO REPORT	30	16	------	10	4	------	------

APPENDIX TABLE A-3. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	6,638	3,396	3	2,507	698	------	34
24 AND UNDER	263	1	-------	96	165	-------	1
25-29	1,292	184	-------	813	289	-------	6
30-34	1,077	456	-------	518	97	-------	6
35-39	926	575	1	297	49	-------	4
40-44	899	585	-------	278	32	-------	4
45-49	780	573	-------	179	25	-------	3
50-54	525	372	-------	132	19	-------	2
55-59	368	279	-------	79	6	-------	4
60-64	225	169	1	47	6	-------	2
65-69	126	96	-------	26	2	-------	2
70 AND OVER	105	88	1	14	2	-------	-------
NO REPORT	52	18	-------	28	6	-------	-------
POLITICAL SCIENCE	5,176	3,034	14	1,897	157	-------	74
24 AND UNDER	90	4	-------	85	-------	-------	1
25-29	974	261	3	664	42	-------	4
30-34	978	535	4	402	29	-------	8
35-39	817	530	1	251	21	-------	14
40-44	596	438	-------	139	11	-------	8
45-49	626	481	-------	120	16	-------	9
50-54	414	280	4	108	16	-------	6
55-59	298	210	-------	66	10	-------	12
60-64	190	149	-------	30	5	-------	6
65-69	94	72	1	16	2	-------	3
70 AND OVER	63	52	1	5	2	-------	3
NO REPORT	36	22	-------	11	3	-------	-------
ANTHROPOLOGY	1,219	1,158	7	33	16	2	3
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------
25-29	50	49	-------	1	-------	-------	-------
30-34	152	149	1	2	-------	-------	-------
35-39	232	229	-------	3	-------	-------	-------
40-44	244	240	-------	3	1	-------	-------
45-49	179	173	1	3	1	-------	1
50-54	143	131	-------	7	5	-------	-------
55-59	85	70	1	7	4	2	1
60-64	72	67	2	3	-------	-------	-------
65-69	35	30	1	2	2	-------	-------
70 AND OVER	21	15	1	2	3	-------	-------
NO REPORT	6	5	-------	-------	-------	-------	1
LINGUISTICS	1,541	955	2	413	134	1	36
24 AND UNDER	17	1	-------	5	11	-------	-------
25-29	211	58	-------	103	46	-------	4
30-34	270	138	-------	101	28	-------	3
35-39	289	187	-------	75	24	-------	3
40-44	222	149	-------	56	12	-------	5
45-49	185	137	1	37	6	-------	4
50-54	118	91	1	18	3	-------	5
55-59	98	80	-------	9	3	1	5
60-64	80	72	-------	4	-------	-------	4
65-69	30	23	-------	5	1	-------	1
70 AND OVER	20	18	-------	-------	-------	-------	2
NO REPORT	1	1	-------	-------	-------	-------	-------

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-4. NUMBER OF SCIENTISTS, BY FIELD, EMPLOYMENT STATUS, AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD AND EMPLOYMENT STATUS	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	297,942	111,206	7,455	86,717	89,141	353	3,070
FULL-TIME EMPLOYED	258,536	104,647	7,019	69,727	74,226	312	2,605
CIVILIAN	251,555	103,715	6,503	67,608	71,092	311	2,326
MILITARY	6,981	932	516	2,119	3,134	1	279
PART-TIME EMPLOYED	17,476	2,365	247	8,783	5,909	21	151
NOT EMPLOYED	12,707	2,503	38	4,671	5,278	13	204
NO REPORT	9,223	1,691	151	3,536	3,728	7	110
CHEMISTRY	93,788	28,973	211	20,121	43,127	160	1,196
FULL-TIME EMPLOYED	79,232	26,792	181	16,545	34,650	142	922
CIVILIAN	77,852	26,593	158	16,280	33,768	142	911
MILITARY	1,380	199	23	265	882	------	11
PART-TIME EMPLOYED	4,287	443	5	1,151	2,625	7	56
NOT EMPLOYED	6,180	1,262	9	1,319	3,423	8	159
NO REPORT	4,089	476	16	1,106	2,429	3	59
EARTH & MARINE SCIENCES	23,746	4,956	1	7,651	10,893	59	186
FULL-TIME EMPLOYED	20,696	4,713	1	6,517	9,256	49	160
CIVILIAN	20,342	4,692	1	6,392	9,051	49	157
MILITARY	354	21	------	125	205	------	3
PART-TIME EMPLOYED	1,419	97	------	540	765	6	11
NOT EMPLOYED	882	66	------	308	495	2	11
NO REPORT	749	80	------	286	377	2	4
ATMOSPHERIC & SPACE SCIENCES	5,745	514	------	1,555	3,168	39	469
FULL-TIME EMPLOYED	5,343	502	------	1,392	2,966	33	450
CIVILIAN	3,181	481	------	902	1,570	32	196
MILITARY	2,162	21	------	490	1,396	1	254
PART-TIME EMPLOYED	203	8	------	85	100	4	6
NOT EMPLOYED	107	2	------	40	56	2	7
NO REPORT	92	2	------	38	46	------	6
PHYSICS	32,491	14,311	7	10,776	7,239	5	153
FULL-TIME EMPLOYED	27,073	13,677	7	7,806	5,455	5	123
CIVILIAN	26,476	13,573	7	7,507	5,261	5	123
MILITARY	597	104	------	299	194	------	------
PART-TIME EMPLOYED	3,084	252	------	1,756	1,057	------	19
NOT EMPLOYED	1,132	182	------	562	382	------	6
NO REPORT	1,202	200	------	652	345	------	5
MATHEMATICS	24,477	6,929	3	12,094	5,147	29	275
FULL-TIME EMPLOYED	21,645	6,570	2	10,046	4,763	24	240
CIVILIAN	21,171	6,518	2	9,736	4,654	24	237
MILITARY	474	52	------	310	109	------	3
PART-TIME EMPLOYED	1,509	134	------	1,198	161	4	12
NOT EMPLOYED	786	96	------	532	153	------	5
NO REPORT	537	129	1	318	70	1	18

APPENDIX TABLE A-4. NUMBER OF SCIENTISTS, BY FIELD, EMPLOYMENT STATUS, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND EMPLOYMENT STATUS	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	6,972	469	1	2,736	3,513	3	250
FULL-TIME EMPLOYED	6,500	455	-------	2,487	3,316	3	239
CIVILIAN	6,361	449	-------	2,403	3,268	3	238
MILITARY	139	6	-------	84	48	-------	1
PART-TIME EMPLOYED	243	4	1	143	85	-------	10
NOT EMPLOYED	147	5	-------	57	85	-------	-------
NO REPORT	82	5	-------	49	27	-------	1
AGRICULTURAL SCIENCES	12,740	2,332	3	3,417	6,880	13	95
FULL-TIME EMPLOYED	11,956	2,252	3	3,018	6,583	13	87
CIVILIAN	11,781	2,245	3	2,972	6,462	13	86
MILITARY	175	7	-------	46	121	-------	1
PART-TIME EMPLOYED	437	38	-------	261	133	-------	5
NOT EMPLOYED	175	12	-------	72	89	-------	2
NO REPORT	172	30	-------	66	75	-------	1
BIOLOGICAL SCIENCES	46,183	22,344	7,185	10,064	6,363	31	196
FULL-TIME EMPLOYED	41,006	21,246	6,784	7,593	5,167	30	186
CIVILIAN	39,812	20,915	6,292	7,378	5,016	30	181
MILITARY	1,194	331	492	215	151	-------	5
PART-TIME EMPLOYED	2,613	464	239	1,328	577	-------	5
NOT EMPLOYED	1,268	273	28	620	344	-------	3
NO REPORT	1,296	361	134	523	275	1	2
PSYCHOLOGY	23,077	14,794	14	8,000	248	-------	21
FULL-TIME EMPLOYED	20,416	13,677	13	6,530	186	-------	10
CIVILIAN	20,168	13,536	12	6,428	183	-------	9
MILITARY	248	141	1	102	3	-------	1
PART-TIME EMPLOYED	1,582	621	1	913	42	-------	5
NOT EMPLOYED	744	319	-------	408	15	-------	2
NO REPORT	335	177	-------	149	5	-------	4
STATISTICS	2,639	929	2	1,147	531	3	27
FULL-TIME EMPLOYED	2,372	892	2	963	488	3	24
CIVILIAN	2,337	889	2	934	485	3	24
MILITARY	35	3	-------	29	3	-------	-------
PART-TIME EMPLOYED	133	13	-------	100	19	-------	1
NOT EMPLOYED	71	10	-------	45	16	-------	-------
NO REPORT	63	14	-------	39	8	-------	2
ECONOMICS	11,510	6,112	2	4,306	1,027	8	55
FULL-TIME EMPLOYED	10,439	5,861	2	3,619	902	8	47
CIVILIAN	10,345	5,852	2	3,547	889	8	47
MILITARY	94	9	-------	72	13	-------	-------
PART-TIME EMPLOYED	558	93	-------	378	83	-------	4
NOT EMPLOYED	315	76	-------	208	28	-------	3
NO REPORT	198	82	-------	101	14	-------	1

APPENDIX TABLE A-4. NUMBER OF SCIENTISTS, BY FIELD, EMPLOYMENT STATUS, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND EMPLOYMENT STATUS	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	6,638	3,396	3	2,507	698	-------	34
FULL-TIME EMPLOYED	4,988	3,161	3	1,537	263	-------	24
CIVILIAN	4,957	3,150	3	1,521	259	-------	24
MILITARY	31	11	-------	16	4	-------	-------
PART-TIME EMPLOYED	857	86	-------	531	232	-------	8
NOT EMPLOYED	533	77	-------	298	158	-------	-------
NO REPORT	260	72	-------	141	45	-------	2
POLITICAL SCIENCE	5,176	3,034	14	1,897	157	-------	74
FULL-TIME EMPLOYED	4,505	2,904	14	1,384	140	-------	63
CIVILIAN	4,410	2,879	14	1,318	136	-------	63
MILITARY	95	25	-------	66	4	-------	-------
PART-TIME EMPLOYED	395	49	-------	331	10	-------	5
NOT EMPLOYED	213	68	-------	138	5	-------	2
NO REPORT	63	13	-------	44	2	-------	4
ANTHROPOLOGY	1,219	1,158	7	33	16	2	3
FULL-TIME EMPLOYED	1,092	1,049	5	27	8	1	2
CIVILIAN	1,092	1,049	5	27	8	1	2
MILITARY	-------	-------	-------	-------	-------	-------	-------
PART-TIME EMPLOYED	44	38	1	2	3	-------	-------
NOT EMPLOYED	44	34	1	3	5	1	-------
NO REPORT	39	37	-------	1	-------	-------	1
LINGUISTICS	1,541	955	2	413	134	1	36
FULL-TIME EMPLOYED	1,273	896	2	263	83	1	28
CIVILIAN	1,270	894	2	263	82	1	28
MILITARY	3	2	-------	-------	1	-------	-------
PART-TIME EMPLOYED	112	25	-------	66	17	-------	4
NOT EMPLOYED	110	21	-------	61	24	-------	4
NO REPORT	46	13	-------	23	10	-------	-------

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-5. NUMBER OF SCIENTISTS, BY FIELD, TYPE OF EMPLOYER, AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	297,942	111,206	7,455	86,717	89,141	353	3,070
EDUCATIONAL INSTITUTIONS	117,746	64,624	3,893	34,928	13,790	8	503
FEDERAL GOVERNMENT	29,666	8,461	443	8,208	12,174	51	329
OTHER GOVERNMENT	10,031	2,300	310	3,403	3,913	17	88
NONPROFIT ORGANIZATIONS	11,204	4,937	1,093	3,113	1,976	7	78
INDUSTRY AND BUSINESS	95,776	24,099	390	25,983	43,729	214	1,361
SELF-EMPLOYED	6,462	1,945	524	1,480	2,386	36	91
MILITARY	7,155	949	523	2,186	3,211	1	285
OTHER EMPLOYERS	1,729	549	36	579	517	5	43
NOT EMPLOYED	12,707	2,503	38	4,671	5,278	13	204
NO REPORT	5,466	839	205	2,166	2,167	1	88
CHEMISTRY	93,788	28,973	211	20,121	43,127	160	1,196
EDUCATIONAL INSTITUTIONS	20,510	9,895	55	4,579	5,886	2	93
FEDERAL GOVERNMENT	5,247	1,438	9	1,142	2,588	5	65
OTHER GOVERNMENT	1,221	193	8	264	726	5	25
NONPROFIT ORGANIZATIONS	2,121	835	44	487	739	------	16
INDUSTRY AND BUSINESS	53,291	14,473	12	11,154	26,777	130	745
SELF-EMPLOYED	1,069	303	36	227	470	9	24
MILITARY	1,442	207	23	281	919	------	12
OTHER EMPLOYERS	539	135	5	125	263	------	11
NOT EMPLOYED	6,180	1,262	9	1,319	3,423	8	159
NO REPORT	2,168	232	10	543	1,336	1	46
EARTH & MARINE SCIENCES	23,746	4,956	1	7,651	10,893	59	186
EDUCATIONAL INSTITUTIONS	5,890	2,906	------	1,940	1,021	------	23
FEDERAL GOVERNMENT	2,982	668	------	926	1,372	2	14
OTHER GOVERNMENT	1,064	128	------	356	572	2	6
NONPROFIT ORGANIZATIONS	249	108	------	82	56	1	2
INDUSTRY AND BUSINESS	9,809	865	1	3,219	5,596	33	95
SELF-EMPLOYED	2,019	143	------	497	1,333	19	27
MILITARY	373	21	------	132	217	------	3
OTHER EMPLOYERS	92	28	------	30	33	------	1
NOT EMPLOYED	882	66	------	308	495	2	11
NO REPORT	386	23	------	161	198	------	4
ATMOSPHERIC & SPACE SCIENCES	5,745	514	------	1,555	3,168	39	469
EDUCATIONAL INSTITUTIONS	757	292	------	277	173	1	14
FEDERAL GOVERNMENT	1,857	123	------	463	1,130	21	120
OTHER GOVERNMENT	72	3	------	17	48	1	3
NONPROFIT ORGANIZATIONS	114	23	------	57	31	------	3
INDUSTRY AND BUSINESS	537	44	------	165	264	9	55
SELF-EMPLOYED	36	2	------	11	16	3	4
MILITARY	2,184	21	------	494	1,410	1	258
OTHER EMPLOYERS	26	1	------	6	15	1	3
NOT EMPLOYED	107	2	------	40	56	2	7
NO REPORT	55	3	------	25	25	------	2
PHYSICS	32,491	14,311	7	10,776	7,239	5	153
EDUCATIONAL INSTITUTIONS	15,522	8,364	------	4,935	2,166	------	57
FEDERAL GOVERNMENT	3,717	1,269	1	1,133	1,296	1	17
OTHER GOVERNMENT	86	38	------	23	24	------	1
NONPROFIT ORGANIZATIONS	882	473	1	259	145	------	4
INDUSTRY AND BUSINESS	9,436	3,697	5	2,983	2,688	3	60
SELF-EMPLOYED	249	115	------	56	73	1	4
MILITARY	603	104	------	305	194	------	------
OTHER EMPLOYERS	41	27	------	5	9	------	------
NOT EMPLOYED	1,132	182	------	562	382	------	6
NO REPORT	823	42	------	515	262	------	4
MATHEMATICS	24,477	6,929	3	12,094	5,147	29	275
EDUCATIONAL INSTITUTIONS	12,837	5,363	1	6,607	821	2	43
FEDERAL GOVERNMENT	1,354	196	------	618	517	3	20
OTHER GOVERNMENT	308	63	------	150	92	2	1
NONPROFIT ORGANIZATIONS	681	177	------	314	179	------	11
INDUSTRY AND BUSINESS	7,289	864	1	3,163	3,078	19	164
SELF-EMPLOYED	222	33	------	86	96	1	6
MILITARY	481	52	------	315	111	------	3
OTHER EMPLOYERS	219	33	------	115	58	2	11
NOT EMPLOYED	786	96	------	532	153	------	5
NO REPORT	300	52	1	194	42	------	11

APPENDIX TABLE A-5. NUMBER OF SCIENTISTS, BY FIELD, TYPE OF EMPLOYER, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	6,972	469	1	2,736	3,513	3	250
EDUCATIONAL INSTITUTIONS	921	209	1	405	272	-------	34
FEDERAL GOVERNMENT	516	15	-------	178	297	1	25
OTHER GOVERNMENT	102	6	-------	26	67	-------	3
NONPROFIT ORGANIZATIONS	475	34	-------	158	267	-------	16
INDUSTRY AND BUSINESS	4,513	188	-------	1,760	2,402	2	161
SELF-EMPLOYED	45	1	-------	18	23	-------	3
MILITARY	141	6	-------	86	48	-------	1
OTHER EMPLOYERS	62	2	-------	23	34	-------	3
NOT EMPLOYED	147	5	-------	57	85	-------	-------
NO REPORT	50	3	-------	25	18	-------	4
AGRICULTURAL SCIENCES	12,740	2,332	3	3,417	6,880	13	95
EDUCATIONAL INSTITUTIONS	2,933	1,558	1	1,030	333	-------	11
FEDERAL GOVERNMENT	4,785	414	-------	1,093	3,244	6	28
OTHER GOVERNMENT	2,104	67	-------	509	1,504	4	20
NONPROFIT ORGANIZATIONS	148	40	-------	47	60	-------	1
INDUSTRY AND BUSINESS	2,016	197	2	499	1,291	2	25
SELF-EMPLOYED	250	12	-------	71	163	1	3
MILITARY	184	7	-------	49	126	-------	2
OTHER EMPLOYERS	68	12	-------	22	33	-------	1
NOT EMPLOYED	175	12	-------	72	89	-------	2
NO REPORT	77	13	-------	25	37	-------	2
BIOLOGICAL SCIENCES	46,183	22,344	7,185	10,064	6,363	31	196
EDUCATIONAL INSTITUTIONS	27,141	15,001	3,819	5,926	2,304	3	88
FEDERAL GOVERNMENT	5,080	2,393	424	1,085	1,152	10	16
OTHER GOVERNMENT	2,020	535	300	513	650	3	19
NONPROFIT ORGANIZATIONS	2,893	1,230	1,043	300	304	4	12
INDUSTRY AND BUSINESS	4,521	2,113	367	920	1,080	8	33
SELF-EMPLOYED	838	118	483	77	149	2	9
MILITARY	1,227	339	499	227	157	-------	5
OTHER EMPLOYERS	255	102	28	69	48	1	7
NOT EMPLOYED	1,268	273	28	620	344	-------	3
NO REPORT	940	240	194	327	175	-------	4
PSYCHOLOGY	23,077	14,794	14	8,000	248	-------	21
EDUCATIONAL INSTITUTIONS	12,810	8,658	4	4,039	102	-------	7
FEDERAL GOVERNMENT	1,443	1,069	-------	360	14	-------	-------
OTHER GOVERNMENT	1,977	916	1	1,022	36	-------	2
NONPROFIT ORGANIZATIONS	2,318	1,410	2	870	33	-------	3
INDUSTRY AND BUSINESS	1,747	1,001	-------	716	27	-------	3
SELF-EMPLOYED	1,402	1,084	5	300	13	-------	-------
MILITARY	256	142	1	109	3	-------	1
OTHER EMPLOYERS	176	90	1	83	2	-------	-------
NOT EMPLOYED	744	319	-------	408	15	-------	2
NO REPORT	204	105	-------	93	3	-------	3
STATISTICS	2,639	929	2	1,147	531	3	27
EDUCATIONAL INSTITUTIONS	889	600	1	260	25	-------	3
FEDERAL GOVERNMENT	588	86	1	253	238	1	9
OTHER GOVERNMENT	149	20	-------	64	61	-------	4
NONPROFIT ORGANIZATIONS	132	39	-------	65	28	-------	-------
INDUSTRY AND BUSINESS	692	151	-------	386	147	2	6
SELF-EMPLOYED	21	11	-------	6	3	-------	1
MILITARY	36	3	-------	30	3	-------	-------
OTHER EMPLOYERS	24	3	-------	12	6	-------	3
NOT EMPLOYED	71	10	-------	45	16	-------	-------
NO REPORT	37	6	-------	26	4	-------	1
ECONOMICS	11,510	6,112	2	4,306	1,027	8	55
EDUCATIONAL INSTITUTIONS	6,681	4,568	1	1,852	237	-------	23
FEDERAL GOVERNMENT	1,417	489	-------	676	242	1	9
OTHER GOVERNMENT	517	208	-------	226	80	-------	3
NONPROFIT ORGANIZATIONS	505	251	-------	206	46	1	1
INDUSTRY AND BUSINESS	1,636	405	1	881	332	6	11
SELF-EMPLOYED	186	67	-------	79	35	-------	5
MILITARY	97	9	-------	75	13	-------	-------
OTHER EMPLOYERS	41	11	-------	26	4	-------	-------
NOT EMPLOYED	315	76	-------	208	28	-------	3
NO REPORT	115	28	-------	77	10	-------	-------

APPENDIX TABLE A-5. NUMBER OF SCIENTISTS, BY FIELD, TYPE OF EMPLOYER, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	6,638	3,396	3	2,507	698	------	34
EDUCATIONAL INSTITUTIONS	4,827	2,866	------	1,602	333	------	26
FEDERAL GOVERNMENT	240	100	------	97	42	------	1
OTHER GOVERNMENT	232	55	------	134	43	------	------
NONPROFIT ORGANIZATIONS	343	154	1	151	35	------	2
INDUSTRY AND BUSINESS	121	35	1	55	28	------	2
SELF-EMPLOYED	53	28	------	22	2	------	1
MILITARY	32	11	------	17	4	------	------
OTHER EMPLOYERS	60	23	1	26	9	------	1
NOT EMPLOYED	533	77	------	298	158	------	------
NO REPORT	197	47	------	105	44	------	1
POLITICAL SCIENCE	5,176	3,034	14	1,897	157	------	74
EDUCATIONAL INSTITUTIONS	3,921	2,567	6	1,220	70	------	58
FEDERAL GOVERNMENT	348	148	5	162	32	------	1
OTHER GOVERNMENT	150	48	1	91	9	------	1
NONPROFIT ORGANIZATIONS	200	101	1	77	17	------	4
INDUSTRY AND BUSINESS	116	36	------	68	11	------	1
SELF-EMPLOYED	50	16	------	25	6	------	3
MILITARY	95	25	------	66	4	------	------
OTHER EMPLOYERS	34	10	1	21	------	------	2
NOT EMPLOYED	213	68	------	138	5	------	2
NO REPORT	49	15	------	29	3	------	2
ANTHROPOLOGY	1,219	1,158	7	33	16	2	3
EDUCATIONAL INSTITUTIONS	986	955	4	20	4	------	3
FEDERAL GOVERNMENT	34	30	2	------	2	------	------
OTHER GOVERNMENT	14	14	------	------	------	------	------
NONPROFIT ORGANIZATIONS	25	24	------	------	1	------	------
INDUSTRY AND BUSINESS	11	10	------	------	1	------	------
SELF-EMPLOYED	12	9	------	1	2	------	------
MILITARY	------	------	------	------	------	------	------
OTHER EMPLOYERS	77	66	------	9	1	1	------
NOT EMPLOYED	44	34	1	3	5	1	------
NO REPORT	16	16	------	------	------	------	------
LINGUISTICS	1,541	955	2	413	134	1	36
EDUCATIONAL INSTITUTIONS	1,121	822	------	236	43	------	20
FEDERAL GOVERNMENT	58	23	1	22	8	------	4
OTHER GOVERNMENT	15	6	------	8	1	------	------
NONPROFIT ORGANIZATIONS	118	38	1	40	35	1	3
INDUSTRY AND BUSINESS	41	20	------	14	7	------	------
SELF-EMPLOYED	10	3	------	4	2	------	1
MILITARY	4	2	------	------	2	------	------
OTHER EMPLOYERS	15	6	------	7	2	------	------
NOT EMPLOYED	110	21	------	61	24	------	4
NO REPORT	49	14	------	21	10	------	4

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	297,942	111,206	7,455	86,717	89,141	353	3,070
RESEARCH AND DEVELOPMENT (A)	96,036	42,390	3,158	25,938	23,727	49	774
BASIC RESEARCH	46,177	26,727	1,806	9,197	8,153	9	285
APPLIED RESEARCH	38,841	14,147	1,348	13,361	9,628	29	328
MANAGEMENT OR ADMINISTRATION (B)	62,870	21,069	1,228	16,280	23,445	140	708
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	28,568	12,967	648	7,103	7,551	35	264
TEACHING	62,087	33,902	1,086	20,719	6,171	4	205
PRODUCTION AND INSPECTION	16,847	782	8	3,614	12,094	51	298
CONSULTING	12,334	4,655	1,366	3,903	2,284	20	106
EXPLORATION, FORECASTING, AND REPORTING	14,365	1,099	21	4,695	8,043	46	461
OTHER	8,416	1,265	158	2,958	3,917	9	109
NOT EMPLOYED	12,707	2,503	38	4,671	5,278	13	204
NO REPORT	12,280	3,541	392	3,939	4,182	21	205
CHEMISTRY	93,788	28,973	211	20,121	43,127	160	1,196
RESEARCH AND DEVELOPMENT (A)	33,492	12,669	42	6,934	13,464	34	349
BASIC RESEARCH	14,281	6,915	25	2,489	4,729	7	116
APPLIED RESEARCH	11,819	4,684	16	2,607	4,357	17	138
MANAGEMENT OR ADMINISTRATION (B)	20,908	7,072	26	4,473	9,056	55	226
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	11,498	5,254	8	2,329	3,782	21	104
TEACHING	9,762	5,437	16	2,405	1,878	1	25
PRODUCTION AND INSPECTION	14,318	681	7	2,799	10,518	45	268
CONSULTING	1,315	340	19	358	570	6	22
EXPLORATION, FORECASTING, AND REPORTING	823	160	------	215	440	------	8
OTHER	2,726	449	62	662	1,520	1	32
NOT EMPLOYED	6,180	1,262	9	1,319	3,423	8	159
NO REPORT	4,264	903	30	956	2,258	10	107
EARTH & MARINE SCIENCES	23,746	4,956	1	7,651	10,893	59	186
RESEARCH AND DEVELOPMENT (A)	3,737	1,415	------	1,260	1,038	3	21
BASIC RESEARCH	2,075	982	------	600	477	1	15
APPLIED RESEARCH	1,652	429	------	659	556	2	6
MANAGEMENT OR ADMINISTRATION (B)	3,935	753	------	1,066	2,052	16	48
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,223	406	------	359	442	3	13
TEACHING	4,034	1,990	------	1,422	612	------	10
PRODUCTION AND INSPECTION	1,554	44	------	465	1,034	3	8
CONSULTING	734	93	------	202	425	5	9
EXPLORATION, FORECASTING, AND REPORTING	7,134	371	1	2,364	4,310	27	61
OTHER	618	35	------	200	376	------	7
NOT EMPLOYED	882	66	------	308	495	2	11
NO REPORT	1,118	189	------	364	551	3	11
ATHOSPHERIC & SPACE SCIENCES	5,745	514	------	1,555	3,168	39	469
RESEARCH AND DEVELOPMENT (A)	1,079	246	------	471	346	------	16
BASIC RESEARCH	497	169	------	181	136	------	11
APPLIED RESEARCH	581	77	------	290	209	------	5
MANAGEMENT OR ADMINISTRATION (B)	1,510	111	------	467	837	14	81
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	389	81	------	150	140	2	16
TEACHING	293	115	------	94	77	2	5
PRODUCTION AND INSPECTION	66	------	------	11	49	1	5
CONSULTING	89	3	------	41	39	3	3
EXPLORATION, FORECASTING, AND REPORTING	1,970	13	------	250	1,385	14	308
OTHER	406	5	------	103	274	1	23
NOT EMPLOYED	107	2	------	40	56	2	7
NO REPORT	225	19	------	78	105	2	21

APPENDIX TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
PHYSICS	32,491	14,311	7	10,776	7,239	5	153
RESEARCH AND DEVELOPMENT (A)	16,380	7,753	3	4,902	3,640	3	79
BASIC RESEARCH	8,939	5,444	-------	2,168	1,295	-------	32
APPLIED RESEARCH	5,832	2,105	1	2,095	1,600	2	29
MANAGEMENT OR ADMINISTRATION (B)	5,123	2,352	3	1,466	1,270	1	31
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,679	1,815	2	1,026	809	1	26
TEACHING	6,899	3,317	-------	2,645	917	-------	20
PRODUCTION AND INSPECTION	183	9	-------	56	118	-------	-------
CONSULTING	363	139	1	123	93	1	6
EXPLORATION, FORECASTING, AND REPORTING	577	83	-------	204	288	-------	2
OTHER	336	56	-------	127	151	-------	2
NOT EMPLOYED	1,132	182	-------	562	382	-------	6
NO REPORT	1,498	420	-------	691	380	-------	7
MATHEMATICS	24,477	6,929	3	12,094	5,147	29	275
RESEARCH AND DEVELOPMENT (A)	5,147	1,953	-------	2,210	934	3	47
BASIC RESEARCH	2,014	1,340	-------	565	100	-------	9
APPLIED RESEARCH	2,556	567	-------	1,334	627	3	25
MANAGEMENT OR ADMINISTRATION (B)	5,122	857	1	2,111	2,023	16	114
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,145	387	-------	924	787	4	43
TEACHING	9,491	3,538	-------	5,290	643	-------	20
PRODUCTION AND INSPECTION	184	4	-------	63	109	-------	8
CONSULTING	1,065	120	-------	486	428	3	28
EXPLORATION, FORECASTING, AND REPORTING	926	60	1	436	404	2	23
OTHER	745	38	-------	447	248	1	11
NOT EMPLOYED	786	96	-------	532	153	-------	5
NO REPORT	1,011	263	1	519	205	4	19
COMPUTER SCIENCES	6,972	469	1	2,736	3,513	3	250
RESEARCH AND DEVELOPMENT (A)	2,661	181	-------	1,094	1,290	-------	96
BASIC RESEARCH	159	52	-------	62	44	-------	1
APPLIED RESEARCH	1,496	117	-------	652	665	-------	62
MANAGEMENT OR ADMINISTRATION (B)	1,555	145	-------	597	749	1	63
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	825	102	-------	322	374	-------	27
TEACHING	212	84	1	82	40	-------	5
PRODUCTION AND INSPECTION	88	1	-------	27	56	-------	4
CONSULTING	440	12	-------	157	254	1	16
EXPLORATION, FORECASTING, AND REPORTING	1,231	9	-------	462	715	1	44
OTHER	427	11	-------	170	233	-------	13
NOT EMPLOYED	147	5	-------	57	85	-------	-------
NO REPORT	211	21	-------	90	91	-------	9
AGRICULTURAL SCIENCES	12,740	2,332	3	3,417	6,880	13	95
RESEARCH AND DEVELOPMENT (A)	2,984	1,121	1	1,139	704	1	18
BASIC RESEARCH	784	289	-------	298	190	-------	7
APPLIED RESEARCH	2,195	832	1	838	512	1	11
MANAGEMENT OR ADMINISTRATION (B)	6,987	506	2	1,425	4,988	9	57
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,328	357	1	428	538	1	3
TEACHING	1,000	488	-------	362	147	-------	3
PRODUCTION AND INSPECTION	82	1	-------	15	65	-------	1
CONSULTING	48	1	-------	10	37	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	216	12	-------	67	134	-------	3
OTHER	859	109	-------	220	521	3	6
NOT EMPLOYED	175	12	-------	72	89	-------	2
NO REPORT	389	82	-------	107	195	-------	5

APPENDIX TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
BIOLOGICAL SCIENCES	46,183	22,344	7,185	10,064	6,363	31	196
RESEARCH AND DEVELOPMENT (A)	18,897	10,916	3,100	3,097	1,681	4	99
BASIC RESEARCH	13,194	8,491	1,773	1,898	963	------	69
APPLIED RESEARCH	5,690	2,423	1,326	1,194	713	4	30
MANAGEMENT OR ADMINISTRATION (B)	8,087	3,553	1,192	1,498	1,777	21	46
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,870	2,314	635	509	390	2	20
TEACHING	12,484	6,268	1,055	3,730	1,405	1	25
PRODUCTION AND INSPECTION	107	9	1	31	65	------	1
CONSULTING	2,021	254	1,343	146	269	------	9
EXPLORATION, FORECASTING, AND REPORTING	299	103	18	88	88	1	1
OTHER	1,176	210	89	415	452	3	7
NOT EMPLOYED	1,268	273	28	620	344	------	3
NO REPORT	1,844	758	359	439	282	1	5
PSYCHOLOGY	23,077	14,794	14	8,000	248	------	21
RESEARCH AND DEVELOPMENT (A)	5,979	3,136	3	2,771	64	------	5
BASIC RESEARCH	1,722	1,471	1	235	15	------	------
APPLIED RESEARCH	4,034	1,544	2	2,437	46	------	5
MANAGEMENT OR ADMINISTRATION (B)	4,424	3,083	------	1,294	45	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,471	1,128	------	326	17	------	------
TEACHING	5,346	4,256	5	1,041	38	------	6
PRODUCTION AND INSPECTION	7	6	------	1	------	------	------
CONSULTING	5,510	3,413	2	2,025	67	------	3
EXPLORATION, FORECASTING, AND REPORTING	91	58	------	29	4	------	------
OTHER	382	172	3	200	7	------	------
NOT EMPLOYED	744	319	------	408	15	------	2
NO REPORT	594	351	1	231	8	------	3
STATISTICS	2,639	929	2	1,147	531	3	27
RESEARCH AND DEVELOPMENT (A)	743	252	1	360	122	------	8
BASIC RESEARCH	169	94	------	54	18	------	3
APPLIED RESEARCH	542	153	1	284	99	------	5
MANAGEMENT OR ADMINISTRATION (B)	534	137	1	219	168	1	8
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	284	85	1	119	75	------	4
TEACHING	482	364	------	106	11	------	1
PRODUCTION AND INSPECTION	85	3	------	46	34	1	1
CONSULTING	269	104	------	132	32	------	1
EXPLORATION, FORECASTING, AND REPORTING	286	21	------	142	117	1	5
OTHER	71	6	------	45	18	------	2
NOT EMPLOYED	71	10	------	45	16	------	------
NO REPORT	98	32	------	52	13	------	1
ECONOMICS	11,510	6,112	2	4,306	1,027	8	55
RESEARCH AND DEVELOPMENT (A)	2,377	1,288	------	872	206	------	11
BASIC RESEARCH	655	418	------	177	55	------	5
APPLIED RESEARCH	1,609	835	------	633	137	------	4
MANAGEMENT OR ADMINISTRATION (B)	2,630	1,235	------	1,017	361	5	12
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,075	549	------	374	148	1	3
TEACHING	4,496	2,986	1	1,338	158	------	13
PRODUCTION AND INSPECTION	173	24	------	100	46	1	2
CONSULTING	356	122	------	169	57	1	7
EXPLORATION, FORECASTING, AND REPORTING	515	112	1	291	108	------	3
OTHER	267	81	------	147	37	------	2
NOT EMPLOYED	315	76	------	208	28	------	3
NO REPORT	381	188	------	164	26	1	2

APPENDIX TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	6,638	3,396	3	2,507	698	-------	34
RESEARCH AND DEVELOPMENT (A)	1,437	761	3	487	178	-------	8
BASIC RESEARCH	893	516	2	271	98	-------	6
APPLIED RESEARCH	544	245	1	216	80	-------	2
MANAGEMENT OR ADMINISTRATION (B)	884	526	-------	291	63	-------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	405	234	-------	143	27	-------	1
TEACHING	3,139	1,847	-------	1,115	163	-------	14
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	33	14	-------	15	4	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	77	20	-------	36	20	-------	1
OTHER	210	24	-------	121	63	-------	2
NOT EMPLOYED	533	77	-------	298	158	-------	-------
NO REPORT	325	127	-------	144	49	-------	5
POLITICAL SCIENCE	5,176	3,034	14	1,897	157	-------	74
RESEARCH AND DEVELOPMENT (A)	619	323	1	267	18	-------	10
BASIC RESEARCH	413	238	1	158	10	-------	6
APPLIED RESEARCH	169	68	-------	89	8	-------	4
MANAGEMENT OR ADMINISTRATION (B)	877	511	2	311	43	-------	10
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	260	158	-------	81	19	-------	2
TEACHING	2,954	1,940	6	911	56	-------	41
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	65	23	1	32	8	-------	1
EXPLORATION, FORECASTING, AND REPORTING	126	33	-------	82	10	-------	1
OTHER	169	58	4	92	13	-------	2
NOT EMPLOYED	213	68	-------	138	5	-------	2
NO REPORT	153	78	-------	64	4	-------	7
ANTHROPOLOGY	1,219	1,158	7	33	16	2	3
RESEARCH AND DEVELOPMENT (A)	258	244	4	5	5	-------	-------
BASIC RESEARCH	222	211	4	3	4	-------	-------
APPLIED RESEARCH	36	33	-------	2	1	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	130	122	1	5	1	1	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	72	67	1	4	-------	-------	-------
TEACHING	683	664	1	13	3	-------	2
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	8	7	-------	1	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	32	25	-------	5	2	-------	-------
OTHER	4	4	-------	-------	-------	-------	-------
NOT EMPLOYED	44	34	1	3	5	1	-------
NO REPORT	60	58	-------	1	-------	-------	1
LINGUISTICS	1,541	955	2	413	134	1	36
RESEARCH AND DEVELOPMENT (A)	246	132	-------	69	37	1	7
BASIC RESEARCH	160	97	-------	38	19	1	5
APPLIED RESEARCH	86	35	-------	31	18	-------	2
MANAGEMENT OR ADMINISTRATION (B)	164	106	-------	40	12	-------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	44	30	-------	9	3	-------	2
TEACHING	812	608	1	165	23	-------	15
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	18	10	-------	6	1	-------	1
EXPLORATION, FORECASTING, AND REPORTING	62	19	-------	24	18	-------	1
OTHER	20	7	-------	9	4	-------	-------
NOT EMPLOYED	110	21	-------	61	24	-------	4
NO REPORT	109	52	1	39	15	-------	2

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-7. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	297,942	111,206	7,455	86,717	89,141	353	3,070
1 OR LESS	11,312	3,473	140	3,096	4,546	-------	57
2 TO 4	44,308	14,334	603	15,507	13,641	-------	223
5 TO 9	55,645	20,514	1,243	18,134	15,371	-------	383
10 TO 14	42,590	17,865	1,207	12,450	10,570	-------	498
15 TO 19	39,352	15,818	974	10,802	11,369	-------	389
20 TO 24	22,729	9,545	907	5,680	6,281	-------	316
25 TO 29	17,030	6,940	574	4,098	5,180	-------	238
30 TO 34	12,294	5,272	384	2,923	3,365	160	190
35 TO 39	6,458	3,000	238	1,505	1,504	107	104
40 OR MORE	5,422	2,862	163	1,061	1,136	86	114
NO REPORT	40,802	11,583	1,022	11,461	16,178	-------	558
CHEMISTRY	93,788	28,973	211	20,121	43,127	160	1,196
1 OR LESS	4,705	1,075	17	703	2,877	-------	33
2 TO 4	12,588	3,678	38	2,447	6,337	-------	88
5 TO 9	12,830	4,503	36	2,869	5,341	-------	81
10 TO 14	9,789	3,829	14	2,203	3,627	-------	116
15 TO 19	10,917	3,417	13	2,702	4,691	-------	94
20 TO 24	6,830	2,090	8	1,514	3,128	-------	90
25 TO 29	6,640	2,076	17	1,418	3,042	-------	87
30 TO 34	4,408	1,418	7	987	1,838	62	96
35 TO 39	2,147	769	1	466	796	51	64
40 OR MORE	1,930	801	3	317	696	47	66
NO REPORT	21,004	5,317	57	4,495	10,754	-------	381
EARTH & MARINE SCIENCES	23,746	4,956	1	7,651	10,893	59	186
1 OR LESS	848	83	-------	240	519	-------	6
2 TO 4	2,588	529	-------	1,097	954	-------	8
5 TO 9	3,425	918	-------	1,471	1,018	-------	18
10 TO 14	3,505	759	-------	1,223	1,504	-------	19
15 TO 19	4,196	661	-------	1,179	2,340	-------	16
20 TO 24	1,827	392	-------	453	957	-------	25
25 TO 29	1,048	302	-------	268	461	-------	17
30 TO 34	967	230	-------	228	460	32	17
35 TO 39	438	124	1	100	193	15	5
40 OR MORE	463	178	-------	88	175	12	10
NO REPORT	4,441	780	-------	1,304	2,312	-------	45
ATMOSPHERIC & SPACE SCIENCES	5,745	514	-------	1,555	3,168	39	469
1 OR LESS	302	15	-------	48	238	-------	1
2 TO 4	852	61	-------	168	617	-------	6
5 TO 9	796	46	-------	245	499	-------	6
10 TO 14	772	66	-------	229	348	-------	129
15 TO 19	660	82	-------	182	272	-------	124
20 TO 24	585	52	-------	144	284	-------	105
25 TO 29	678	85	-------	197	333	-------	63
30 TO 34	175	24	-------	45	66	24	16
35 TO 39	74	9	-------	13	32	9	11
40 OR MORE	33	6	-------	8	10	6	3
NO REPORT	818	68	-------	276	469	-------	5
PHYSICS	32,491	14,311	7	10,776	7,239	5	153
1 OR LESS	1,509	697	-------	470	338	-------	4
2 TO 4	6,464	2,448	-------	2,164	1,832	-------	20
5 TO 9	7,742	3,123	-------	2,670	1,916	-------	33
10 TO 14	4,831	2,441	2	1,520	846	-------	22
15 TO 19	4,026	1,999	4	1,255	746	-------	22
20 TO 24	2,005	1,082	-------	580	327	-------	16
25 TO 29	1,632	900	-------	423	297	-------	12
30 TO 34	977	572	1	271	120	3	10
35 TO 39	584	327	-------	192	63	1	1
40 OR MORE	492	319	-------	124	44	1	4
NO REPORT	2,229	403	-------	1,107	710	-------	9
MATHEMATICS	24,477	6,929	3	12,094	5,147	29	275
1 OR LESS	259	238	-------	21	-------	-------	-------
2 TO 4	4,126	1,086	1	2,574	450	-------	15
5 TO 9	6,562	1,546	-------	3,347	1,603	-------	66
10 TO 14	4,474	1,110	-------	2,168	1,133	-------	63
15 TO 19	3,197	924	-------	1,461	766	-------	46
20 TO 24	1,719	593	1	763	341	-------	21
25 TO 29	1,070	367	-------	467	222	-------	14
30 TO 34	804	298	-------	336	147	9	14
35 TO 39	514	199	1	209	90	10	5
40 OR MORE	449	221	-------	145	66	10	7
NO REPORT	1,303	347	-------	603	329	-------	24

APPENDIX TABLE A-7. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	6,972	469	1	2,736	3,513	3	250
1 OR LESS	15	13	-------	2	-------	-------	-------
2 TO 4	1,002	56	-------	593	333	-------	20
5 TO 9	2,717	108	1	905	1,603	-------	100
10 TO 14	1,634	106	-------	605	847	-------	76
15 TO 19	819	101	-------	337	364	-------	17
20 TO 24	251	38	-------	111	93	-------	9
25 TO 29	100	15	-------	39	41	-------	5
30 TO 34	46	11	-------	18	12	2	3
35 TO 39	16	3	-------	1	8	1	3
40 OR MORE	10	2	-------	5	2	-------	1
NO REPORT	362	16	-------	120	210	-------	16
AGRICULTURAL SCIENCES	12,740	2,332	3	3,417	6,880	13	95
1 OR LESS	384	51	-------	161	171	-------	1
2 TO 4	1,816	202	-------	554	1,040	-------	20
5 TO 9	2,645	415	-------	606	1,607	-------	17
10 TO 14	2,120	426	-------	496	1,184	-------	14
15 TO 19	2,182	440	-------	573	1,160	-------	9
20 TO 24	1,174	292	2	329	543	-------	8
25 TO 29	665	193	-------	162	334	-------	6
30 TO 34	734	165	-------	189	365	8	7
35 TO 39	315	74	-------	93	141	4	3
40 OR MORE	144	46	-------	46	49	1	2
NO REPORT	561	58	1	208	286	-------	8
BIOLOGICAL SCIENCES	46,183	22,344	7,185	10,064	6,363	31	196
1 OR LESS	1,587	772	123	437	252	-------	3
2 TO 4	6,826	2,838	560	1,924	1,482	-------	22
5 TO 9	8,819	4,102	1,19[illegible]	2,190	1,295	-------	33
10 TO 14	7,497	3,938	1,1[illegible]	1,535	804	-------	34
15 TO 19	6,218	3,316	95[illegible]	1,162	756	-------	33
20 TO 24	3,957	1,900	891	653	412	-------	21
25 TO 29	2,676	1,406	551	430	276	-------	13
30 TO 34	2,065	1,090	375	337	237	15	11
35 TO 39	1,291	720	234	192	129	10	6
40 OR MORE	867	521	157	120	57	6	6
NO REPORT	4,380	1,661	958	1,084	663	-------	14
PSYCHOLOGY	23,077	14,794	14	8,000	248	-------	21
1 OR LESS	567	250	-------	301	15	-------	1
2 TO 4	3,148	1,689	1	1,387	67	-------	4
5 TO 9	4,790	2,921	1	1,828	39	-------	1
10 TO 14	4,346	2,901	4	1,407	31	-------	3
15 TO 19	3,927	2,799	3	1,096	28	-------	1
20 TO 24	1,982	1,414	2	545	20	-------	1
25 TO 29	1,122	823	1	283	14	-------	1
30 TO 34	854	644	1	199	9	-------	1
35 TO 39	472	363	-------	105	4	-------	-------
40 OR MORE	433	323	-------	108	-------	-------	2
NO REPORT	1,436	667	1	741	21	-------	6
STATISTICS	2,639	929	2	1,147	531	3	27
1 OR LESS	34	29	-------	5	-------	-------	-------
2 TO 4	411	133	-------	257	20	-------	1
5 TO 9	636	216	-------	293	122	-------	5
10 TO 14	400	153	-------	160	85	-------	2
15 TO 19	385	137	1	155	87	-------	5
20 TO 24	248	87	-------	86	71	-------	4
25 TO 29	197	55	-------	74	62	-------	6
30 TO 34	137	44	-------	45	42	2	4
35 TO 39	52	28	-------	14	9	1	-------
40 OR MORE	29	13	-------	7	9	-------	-------
NO REPORT	110	34	1	51	24	-------	-------
ECONOMICS	11,510	6,112	2	4,306	1,027	8	55
1 OR LESS	284	62	-------	213	8	-------	1
2 TO 4	1,739	624	-------	887	226	-------	2
5 TO 9	2,125	1,079	1	839	202	-------	4
10 TO 14	1,548	934	-------	496	111	-------	7
15 TO 19	1,459	884	1	443	125	-------	6
20 TO 24	1,221	805	-------	324	87	-------	5
25 TO 29	676	376	-------	222	73	-------	5
30 TO 34	616	373	-------	181	58	2	2
35 TO 39	277	168	-------	76	29	3	1
40 OR MORE	314	215	-------	67	21	3	8
NO REPORT	1,251	592	-------	558	87	-------	14

APPENDIX TABLE A-7. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	6,638	3,396	3	2,507	698	------	34
1 OR LESS	364	54	------	201	106	------	3
2 TO 4	1,266	323	------	726	213	------	4
5 TO 9	1,079	565	1	442	67	------	4
10 TO 14	663	440	------	194	28	------	1
15 TO 19	583	441	------	128	12	------	2
20 TO 24	396	302	1	84	7	------	2
25 TO 29	197	139	------	50	6	------	2
30 TO 34	177	140	------	36	1	------	------
35 TO 39	104	87	1	14	1	------	1
40 OR MORE	92	77	------	11	3	------	1
NO REPORT	1,717	828	------	621	254	------	14
POLITICAL SCIENCE	5,176	3,034	14	1,897	157	------	74
1 OR LESS	387	98	------	275	10	------	4
2 TO 4	1,121	427	2	640	44	------	8
5 TO 9	960	582	4	337	25	------	12
10 TO 14	582	413	------	150	10	------	9
15 TO 19	468	356	1	89	16	------	6
20 TO 24	347	263	2	71	8	------	3
25 TO 29	225	146	1	59	14	------	5
30 TO 34	218	161	------	42	8	------	7
35 TO 39	97	64	------	23	7	------	3
40 OR MORE	102	84	2	10	2	------	4
NO REPORT	669	440	2	201	13	------	13
ANTHROPOLOGY	1,219	1,158	7	33	16	2	3
1 OR LESS	22	22	------	------	------	------	------
2 TO 4	150	147	1	2	------	------	------
5 TO 9	242	240	------	2	------	------	------
10 TO 14	185	182	------	3	------	------	------
15 TO 19	140	137	------	1	1	------	1
20 TO 24	88	78	------	7	3	------	------
25 TO 29	47	40	3	1	3	------	------
30 TO 34	52	46	------	5	1	------	------
35 TO 39	26	19	------	3	2	2	------
40 OR MORE	27	22	1	2	2	------	------
NO REPORT	240	225	2	7	4	------	2
LINGUISTICS	1,541	955	2	413	134	1	36
1 OR LESS	45	14	------	19	12	------	------
2 TO 4	211	93	------	87	26	------	5
5 TO 9	277	150	------	90	34	------	3
10 TO 14	244	167	1	61	12	------	3
15 TO 19	175	124	------	39	5	------	7
20 TO 24	99	77	------	16	------	------	6
25 TO 29	57	47	1	5	2	------	2
30 TO 34	64	56	------	4	1	1	2
35 TO 39	51	46	------	4	------	------	1
40 OR MORE	37	34	------	3	------	------	------
NO REPORT	281	147	------	85	42	------	7

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-8. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	297,942	117,746	29,666	10,031	11,204	95,776	6,462	7,155	1,729	12,707	5,466
24 AND UNDER	9,759	4,127	306	165	155	1,807	14	612	63	1,652	858
25-29	51,661	22,866	3,379	1,495	1,351	13,469	168	2,856	312	3,624	2,141
30-34	51,751	22,163	4,917	1,755	1,992	16,597	407	1,233	259	1,731	697
35-39	47,199	19,048	4,971	1,597	2,051	16,290	806	1,016	241	773	406
40-44	43,162	15,700	4,572	1,523	1,930	16,351	1,313	632	259	552	330
45-49	35,336	12,459	4,298	1,321	1,509	13,328	1,073	484	192	369	303
50-54	24,439	8,572	3,311	904	950	9,005	833	221	145	280	218
55-59	15,971	5,913	2,232	653	616	5,307	668	56	115	261	150
60-64	9,919	4,109	1,171	356	362	2,671	497	19	80	534	120
65-69	4,748	1,856	364	160	153	506	347	2	39	1,226	95
70 AND OVER	3,050	544	83	48	88	195	310	1	20	1,652	109
NO REPORT	947	389	62	54	47	250	26	23	4	53	39
CHEMISTRY	93,788	20,510	5,247	1,221	2,121	53,291	1,069	1,442	539	6,180	2,168
24 AND UNDER	6,563	2,552	147	72	107	1,517	5	326	44	1,172	621
25-29	17,413	5,728	590	199	310	7,578	31	802	123	1,264	788
30-34	13,530	3,380	717	167	345	7,907	60	162	71	526	195
35-39	11,793	2,454	736	143	326	7,640	85	56	48	209	96
40-44	11,889	1,771	779	151	312	8,396	126	31	65	158	100
45-49	11,417	1,595	867	153	300	8,068	134	33	55	114	98
50-54	8,588	1,124	663	122	183	6,090	161	17	51	110	67
55-59	5,456	806	395	112	124	3,649	151	4	35	132	48
60-64	3,370	632	242	60	68	1,842	103	2	24	346	44
65-69	1,845	316	74	30	27	324	121	1	15	904	33
70 AND OVER	1,624	96	16	7	12	122	89	------	7	1,219	56
NO REPORT	300	56	21	5	7	151	3	8	1	26	22
EARTH & MARINE SCIENCES	23,746	5,890	2,982	1,064	249	9,809	2,019	373	92	882	386
24 AND UNDER	746	290	38	20	1	88	------	96	1	144	68
25-29	2,762	1,096	247	116	23	694	15	137	17	266	151
30-34	3,569	1,176	438	210	56	1,376	87	48	9	108	61
35-39	4,326	1,037	541	240	43	2,053	255	36	17	73	31
40-44	4,514	709	514	184	31	2,440	507	34	14	59	22
45-49	3,155	575	490	146	31	1,467	358	15	15	41	17
50-54	1,938	408	315	65	18	816	274	4	5	24	9
55-59	1,247	234	212	44	24	521	174	2	7	22	7
60-64	820	213	124	19	14	258	146	------	4	39	3
65-69	356	99	44	8	3	46	102	------	1	46	7
70 AND OVER	240	30	14	5	4	22	98	------	2	58	7
NO REPORT	73	23	5	7	1	28	3	1	------	2	3
ATMOSPHERIC & SPACE SCIENCES	5,745	757	1,857	72	114	537	36	2,184	26	107	55
24 AND UNDER	196	47	26	1	------	6	------	93	2	13	8
25-29	1,164	175	154	9	10	54	1	704	------	37	20
30-34	799	122	188	13	15	68	3	372	3	8	7
35-39	972	101	256	4	21	89	2	478	4	8	9
40-44	639	77	211	9	19	61	3	248	2	6	3
45-49	893	107	380	11	30	130	9	203	7	13	3
50-54	657	77	369	13	14	84	3	78	5	11	3
55-59	269	30	179	7	3	33	8	5	1	3	------
60-64	115	12	82	1	2	11	3	------	1	2	1
65-69	25	7	7	4	------	1	3	------	------	3	------
70 AND OVER	9	1	3	------	------	------	1	------	1	3	------
NO REPORT	7	1	2	------	------	------	------	3	------	------	1
PHYSICS	32,491	15,522	3,717	86	882	9,436	249	603	41	1,132	823
24 AND UNDER	564	304	26	1	4	56	1	10	1	97	64
25-29	7,950	4,039	666	21	128	1,655	17	286	12	556	570
30-34	7,431	3,634	835	18	198	2,271	23	195	10	187	120
35-39	5,329	2,433	653	8	177	1,839	33	83	7	63	33
40-44	4,230	1,859	569	12	131	1,491	41	56	2	53	16
45-49	2,994	1,283	427	6	108	1,074	33	22	5	28	8
50-54	1,615	717	256	9	64	515	27	9	1	14	3
55-59	1,070	544	151	1	38	295	27	------	1	12	1
60-64	748	413	89	4	19	169	19	------	2	29	4
65-69	388	212	37	5	10	39	15	1	------	67	2
70 AND OVER	91	46	6	1	3	5	12	------	------	18	------
NO REPORT	81	38	2	------	2	27	1	1	------	8	2
MATHEMATICS	24,477	12,837	1,354	308	681	7,289	222	481	219	786	300
24 AND UNDER	277	183	6	------	7	43	3	5	4	19	7
25-29	5,267	3,138	199	45	90	1,183	21	164	47	280	100
30-34	5,541	2,954	241	51	139	1,717	33	106	36	214	50
35-39	4,317	1,943	245	55	132	1,616	40	111	46	90	39
40-44	3,413	1,527	224	50	138	1,267	49	53	33	46	26
45-49	2,085	978	176	29	89	704	21	36	13	24	15
50-54	1,434	773	123	25	47	394	13	5	19	17	18
55-59	1,031	597	103	25	21	230	11	1	12	12	19
60-64	679	460	27	15	12	106	10	------	8	18	15
65-69	311	210	9	9	3	22	10	------	1	42	5
70 AND OVER	94	55	1	3	------	2	3	------	------	24	6
NO REPORT	28	19	------	1	3	5	------	------	------	------	------

APPENDIX TABLE A-8. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
COMPUTER SCIENCES	6,972	921	516	102	475	4,513	45	141	62	147	50
24 AND UNDER	118	45	3	------	4	41	1	7	------	12	5
25-29	1,710	281	101	22	89	1,085	9	58	16	37	12
30-34	2,121	272	141	37	141	1,408	16	21	14	55	16
35-39	1,512	166	111	21	126	1,008	9	31	15	20	5
40-44	875	81	70	8	75	595	5	16	10	10	5
45-49	395	53	47	8	27	234	2	6	6	7	5
50-54	147	12	23	3	7	95	2	2	1	1	1
55-59	60	7	16	2	4	28	1	------	------	1	1
60-64	18	2	2	1	2	10	------	------	------	1	------
65-69	7	2	2	------	------	2	------	------	------	1	------
70 AND OVER	3	------	------	------	------	1	------	------	------	2	------
NO REPORT	6	------	------	------	------	6	------	------	------	------	------
AGRICULTURAL SCIENCES	12,740	2,933	4,785	2,104	148	2,016	250	184	68	175	77
24 AND UNDER	195	67	31	28	1	14	3	26	1	21	3
25-29	2,135	412	673	452	18	298	21	148	13	79	21
30-34	2,256	395	988	402	24	353	44	3	7	25	15
35-39	2,106	444	933	338	17	323	27	2	10	6	6
40-44	1,843	381	698	299	21	382	37	1	8	7	9
45-49	1,660	514	522	265	22	279	38	1	8	8	3
50-54	1,195	335	415	166	21	211	25	1	9	4	8
55-59	795	137	365	92	11	97	28	------	5	4	6
60-64	357	129	130	34	7	30	12	------	4	8	3
65-69	112	45	19	13	2	12	11	------	2	6	2
70 AND OVER	37	10	1	5	4	10	3	------	1	3	------
NO REPORT	49	14	10	10	------	7	1	2	------	0	1
BIOLOGICAL SCIENCES	46,183	27,141	5,080	2,020	2,893	4,521	838	1,227	255	1,268	940
24 AND UNDER	588	361	13	22	12	20	------	34	4	70	52
25-29	6,615	3,988	417	263	279	395	22	354	39	569	289
30-34	7,837	4,670	798	343	451	742	48	302	51	290	142
35-39	7,943	4,878	893	282	524	843	121	158	32	109	103
40-44	7,474	4,406	865	292	517	917	156	124	44	69	84
45-49	5,763	3,225	753	262	406	701	142	110	22	43	99
50-54	4,168	2,334	546	227	280	466	116	84	19	40	56
55-59	2,786	1,562	403	156	197	249	93	38	18	24	46
60-64	1,836	1,060	248	111	121	135	84	16	18	14	29
65-69	722	419	102	41	59	24	26	------	3	23	25
70 AND OVER	273	132	26	17	33	12	24	1	3	13	12
NO REPORT	178	106	16	4	14	17	6	6	2	4	3
PSYCHOLOGY	23,077	12,810	1,443	1,977	2,318	1,747	1,402	256	176	744	204
24 AND UNDER	72	40	1	7	8	5	------	4	------	7	------
25-29	2,259	1,298	84	215	245	173	12	82	13	97	40
30-34	3,739	2,271	179	322	424	266	74	45	32	102	24
35-39	4,285	2,475	242	349	453	377	203	37	34	79	36
40-44	4,403	2,343	299	395	462	377	343	45	35	73	31
45-49	3,215	1,682	246	284	297	295	288	28	24	46	25
50-54	2,047	1,147	187	155	187	128	175	9	7	31	21
55-59	1,432	818	114	126	115	70	143	3	13	24	6
60-64	829	449	71	70	66	32	74	1	11	47	8
65-69	396	184	13	34	29	10	40	------	5	74	7
70 AND OVER	301	54	6	7	18	9	42	------	2	160	3
NO REPORT	99	49	1	13	14	5	8	2	------	4	3
STATISTICS	2,639	889	588	149	132	692	21	36	24	71	37
24 AND UNDER	11	7	------	------	------	2	------	2	------	------	------
25-29	380	168	32	11	17	97	2	21	4	18	10
30-34	534	217	79	26	23	159	1	5	2	16	6
35-39	452	160	59	15	23	168	1	4	5	12	5
40-44	374	107	90	18	27	118	3	1	3	5	2
45-49	310	92	96	18	21	70	2	1	5	3	2
50-54	278	65	116	26	11	43	6	1	2	1	7
55-59	182	43	75	21	6	26	2	1	2	4	2
60-64	75	20	30	6	3	8	3	------	1	3	1
65-69	33	9	10	7	1	1	------	------	------	3	2
70 AND OVER	9	1	------	1	------	------	1	------	------	6	------
NO REPORT	1	------	1	------	------	------	------	------	------	------	------
ECONOMICS	11,510	6,681	1,417	517	505	1,636	186	97	41	315	115
24 AND UNDER	59	30	3	3	1	8	------	5	------	7	2
25-29	1,479	844	122	55	47	202	9	52	3	104	41
30-34	1,917	1,145	211	90	86	287	12	10	6	50	20
35-39	1,900	1,149	224	85	87	294	9	9	7	23	13
40-44	1,547	894	165	64	83	268	29	12	11	15	6
45-49	1,679	998	202	88	73	260	26	7	3	12	10
50-54	1,172	679	215	54	53	133	14	2	4	10	8
55-59	794	444	143	42	28	97	19	------	4	10	7
60-64	505	278	87	25	24	58	22	------	------	8	3
65-69	268	151	36	6	9	17	16	------	2	29	2
70 AND OVER	160	54	8	1	11	9	28	------	1	45	3
NO REPORT	30	15	1	4	3	3	2	------	------	2	------

APPENDIX TABLE A-8. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	6,638	4,827	240	232	343	121	53	32	60	533	197
24 AND UNDER	263	138	6	9	5	6	1	------	3	74	21
25-29	1,292	821	35	58	45	27	2	17	12	201	74
30-34	1,077	819	29	42	46	16	2	7	8	85	23
35-39	926	728	21	31	53	16	6	2	3	49	17
40-44	899	704	40	21	57	13	6	1	10	32	15
45-49	780	600	29	29	54	21	9	4	10	18	6
50-54	525	403	29	12	39	10	8	1	3	9	11
55-59	368	276	27	15	22	6	7	------	5	6	4
60-64	225	173	17	6	11	3	4	------	2	7	2
65-69	126	93	4	2	5	2	1	------	4	10	5
70 AND OVER	105	36	2	1	3	1	6	------	------	40	16
NO REPORT	52	36	1	6	3	------	1	------	------	2	3
POLITICAL SCIENCE	5,176	3,921	348	150	200	116	50	95	34	213	49
24 AND UNDER	90	61	6	2	1	1	------	3	3	11	2
25-29	974	712	55	28	31	23	5	29	6	73	12
30-34	978	778	64	28	22	19	3	17	2	35	10
35-39	817	648	45	22	37	14	12	9	5	18	7
40-44	596	472	33	13	31	17	6	10	4	8	2
45-49	626	472	50	17	31	15	10	18	4	5	4
50-54	414	293	41	23	17	15	5	7	6	4	3
55-59	298	223	35	10	15	5	2	2	2	3	1
60-64	190	150	14	2	11	2	5	------	------	5	1
65-69	94	69	3	1	4	4	------	------	------	11	2
70 AND OVER	63	17	------	------	------	------	2	------	1	39	4
NO REPORT	36	26	2	4	------	1	------	------	1	1	1
ANTHROPOLOGY	1,219	986	34	14	25	11	12	------	77	44	16
24 AND UNDER	------	------	------	------	------	------	------	------	------	------	------
25-29	50	45	------	------	------	------	------	------	3	1	1
30-34	152	135	3	2	3	------	------	------	7	1	1
35-39	232	210	3	2	4	------	1	------	7	5	------
40-44	244	200	6	3	6	4	------	------	17	5	3
45-49	179	148	4	3	6	5	1	------	10	------	2
50-54	143	113	6	3	1	1	3	------	12	3	1
55-59	85	60	6	------	3	------	1	------	10	4	1
60-64	72	51	3	1	2	------	3	------	4	5	3
65-69	35	15	3	------	------	------	1	------	6	7	3
70 AND OVER	21	4	------	------	------	1	1	------	1	13	1
NO REPORT	6	5	------	------	------	------	1	------	------	------	------
LINGUISTICS	1,541	1,121	58	15	118	41	10	4	15	110	49
24 AND UNDER	17	2	------	------	4	------	------	1	------	5	5
25-29	211	121	4	1	19	5	1	2	4	42	12
30-34	270	195	6	4	19	8	1	------	1	29	7
35-39	289	222	9	2	28	10	2	------	1	9	6
40-44	222	169	9	4	20	5	2	------	1	6	6
45-49	185	137	9	2	14	5	------	------	5	7	6
50-54	118	92	7	1	8	4	1	1	1	1	2
55-59	98	82	8	------	5	1	1	------	------	------	1
60-64	80	67	5	1	------	------	1	------	1	2	3
65-69	30	25	1	------	1	2	1	------	------	------	------
70 AND OVER	20	8	------	------	------	1	------	------	1	9	1
NO REPORT	1	1	------	------	------	------	------	------	------	------	------

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-9A. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	297,942	117,746	29,666	10,031	11,204	95,776	6,462	7,155	1,729	12,707	5,466
RESEARCH AND DEVELOPMENT (A)	96,036	38,668	12,249	2,588	4,970	34,271	472	1,492	556	------	770
BASIC RESEARCH	46,177	28,818	5,664	1,005	2,315	6,675	132	739	309	------	520
APPLIED RESEARCH	38,841	9,447	6,060	1,494	2,425	18,034	284	671	201	------	225
MANAGEMENT OR ADMINISTRATION (B)	62,870	10,278	10,680	4,044	2,921	30,910	792	2,506	437	------	302
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	28,568	3,680	4,668	1,175	1,517	16,321	209	688	171	------	139
TEACHING	62,087	60,230	294	291	218	254	59	366	167	------	208
PRODUCTION AND INSPECTION	16,847	250	1,087	548	209	14,057	332	205	92	------	67
CONSULTING	12,334	2,181	866	955	1,642	3,222	2,952	249	124	------	143
EXPLORATION, FORECASTING, AND REPORTING	14,365	791	2,333	630	456	7,637	1,210	1,164	99	------	45
OTHER	8,416	1,854	1,362	657	425	2,861	272	751	161	------	73
NOT EMPLOYED	12,707	------	------	------	------	------	------	------	------	12,707	------
NO REPORT	12,280	3,494	795	318	363	2,564	373	422	93	------	3,858
CHEMISTRY	93,788	20,510	5,247	1,221	2,121	53,291	1,069	1,442	539	6,180	2,168
RESEARCH AND DEVELOPMENT (A)	33,492	8,507	2,530	283	978	20,347	91	313	169	------	274
BASIC RESEARCH	14,281	7,610	1,320	151	555	4,172	25	166	87	------	195
APPLIED RESEARCH	11,819	832	1,009	112	368	9,234	45	103	51	------	65
MANAGEMENT OR ADMINISTRATION (B)	20,908	1,144	1,369	305	534	16,671	196	491	113	------	85
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	11,498	368	889	63	296	9,625	57	113	46	------	41
TEACHING	9,762	9,440	45	31	30	56	3	96	34	------	27
PRODUCTION AND INSPECTION	14,318	185	794	415	180	12,270	163	171	83	------	57
CONSULTING	1,315	53	46	28	43	697	402	15	18	------	13
EXPLORATION, FORECASTING, AND REPORTING	823	47	105	18	149	443	24	21	15	------	1
OTHER	2,726	474	211	87	139	1,415	108	197	71	------	24
NOT EMPLOYED	6,180	------	------	------	------	------	------	------	------	6,180	------
NO REPORT	4,264	660	147	54	68	1,392	82	138	36	------	1,687
EARTH & MARINE SCIENCES	23,746	5,890	2,982	1,064	249	9,809	2,019	373	92	882	386
RESEARCH AND DEVELOPMENT (A)	3,737	1,196	1,249	238	114	833	31	35	29	------	12
BASIC RESEARCH	2,075	973	668	126	69	167	16	23	26	------	7
APPLIED RESEARCH	1,652	222	579	111	45	661	14	12	3	------	5
MANAGEMENT OR ADMINISTRATION (B)	3,935	402	735	255	74	2,141	145	147	25	------	11
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,223	155	374	87	30	496	34	27	15	------	5
TEACHING	4,034	3,948	10	10	3	22	2	27	7	------	5
PRODUCTION AND INSPECTION	1,554	15	147	90	2	1,146	142	2	4	------	6
CONSULTING	734	4	21	21	6	218	459	3	------	------	2
EXPLORATION, FORECASTING, AND REPORTING	7,134	70	581	336	37	4,969	1,079	27	19	------	16
OTHER	618	61	154	84	8	203	24	78	5	------	1
NOT EMPLOYED	882	------	------	------	------	------	------	------	------	882	------
NO REPORT	1,118	194	85	30	5	277	137	54	3	------	333
ATMOSPHERIC & SPACE SCIENCES	5,745	757	1,857	72	114	537	36	2,184	26	107	55
RESEARCH AND DEVELOPMENT (A)	1,079	407	357	23	68	124	3	83	8	------	6
BASIC RESEARCH	497	285	127	11	23	20	------	25	3	------	3
APPLIED RESEARCH	581	122	230	12	45	104	3	57	5	------	3
MANAGEMENT OR ADMINISTRATION (B)	1,510	60	524	21	27	243	5	718	6	------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	389	39	168	6	21	68	2	83	------	------	2
TEACHING	293	225	10	2	------	8	------	47	------	------	1
PRODUCTION AND INSPECTION	66	------	19	4	------	21	4	17	1	------	------
CONSULTING	89	2	22	------	2	18	12	32	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	1,970	14	755	14	11	165	8	995	4	------	4
OTHER	406	24	119	6	3	32	4	213	4	------	1
NOT EMPLOYED	107	------	------	------	------	------	------	------	------	107	------
NO REPORT	225	25	51	2	3	26	------	79	3	------	36

APPENDIX TABLE A-9A. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
PHYSICS	32,491	15,522	3,717	86	882	9,436	249	603	41	1,132	823
RESEARCH AND DEVELOPMENT (A)	16,380	7,072	2,423	35	564	5,938	70	189	23	------	66
BASIC RESEARCH	8,939	5,985	1,189	23	239	1,355	24	58	19	------	47
APPLIED RESEARCH	5,832	957	1,086	12	305	3,304	32	119	3	------	14
MANAGEMENT OR ADMINISTRATION (B)	5,123	1,048	959	26	216	2,542	43	273	8	------	8
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,679	539	823	7	183	1,965	24	130	2	------	6
TEACHING	6,899	6,789	16	3	9	24	4	39	5	------	10
PRODUCTION AND INSPECTION	183	9	16	1	1	146	7	3	------	------	------
CONSULTING	363	28	27	2	14	191	96	2	------	------	3
EXPLORATION, FORECASTING, AND REPORTING	577	120	125	3	34	259	12	23	1	------	------
OTHER	336	62	67	12	16	119	6	49	1	------	4
NOT EMPLOYED	1,132	------	------	------	------	------	------	------	------	1,132	------
NO REPORT	1,498	394	84	4	28	217	11	25	3	------	732
MATHEMATICS	24,477	12,837	1,354	308	681	7,289	222	481	219	786	300
RESEARCH AND DEVELOPMENT (A)	5,147	1,987	553	54	329	2,049	22	74	47	------	32
BASIC RESEARCH	2,014	1,598	98	24	74	168	7	15	15	------	15
APPLIED RESEARCH	2,556	357	409	19	222	1,448	9	50	28	------	14
MANAGEMENT OR ADMINISTRATION (B)	5,122	852	462	98	227	3,155	23	221	63	------	21
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,145	186	275	32	158	1,385	13	61	25	------	10
TEACHING	9,491	9,172	46	62	9	59	9	55	45	------	34
PRODUCTION AND INSPECTION	184	5	19	5	6	136	3	8	1	------	1
CONSULTING	1,065	52	34	21	24	780	113	3	26	------	12
EXPLORATION, FORECASTING, AND REPORTING	926	113	125	30	38	543	25	33	11	------	8
OTHER	745	222	69	25	27	311	11	62	13	------	5
NOT EMPLOYED	786	------	------	------	------	------	------	------	------	786	------
NO REPORT	1,011	434	46	13	21	256	16	25	13	------	187
COMPUTER SCIENCES	6,972	921	516	102	475	4,513	45	141	62	147	50
RESEARCH AND DEVELOPMENT (A)	2,661	337	189	30	248	1,779	7	31	27	------	13
BASIC RESEARCH	159	81	16	1	16	37	1	3	2	------	2
APPLIED RESEARCH	1,496	183	125	22	160	956	4	17	19	------	10
MANAGEMENT OR ADMINISTRATION (B)	1,555	183	132	23	95	1,040	5	56	12	------	9
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	825	83	72	8	52	579	2	19	5	------	5
TEACHING	212	172	5	------	------	30	------	4	1	------	------
PRODUCTION AND INSPECTION	88	6	7	2	11	60	------	1	1	------	------
CONSULTING	440	23	8	6	25	349	26	1	1	------	1
EXPLORATION, FORECASTING, AND REPORTING	1,231	132	115	35	66	830	5	30	15	------	3
OTHER	427	38	38	3	24	306	2	12	3	------	1
NOT EMPLOYED	147	------	------	------	------	------	------	------	------	147	------
NO REPORT	211	30	22	3	6	119	------	6	2	------	23
AGRICULTURAL SCIENCES	12,740	2,933	4,785	2,104	148	2,016	250	184	68	175	77
RESEARCH AND DEVELOPMENT (A)	2,984	1,335	971	361	22	243	9	16	14	------	13
BASIC RESEARCH	784	383	266	103	3	13	2	5	5	------	4
APPLIED RESEARCH	2,195	952	702	258	18	229	7	11	9	------	9
MANAGEMENT OR ADMINISTRATION (B)	6,987	393	3,216	1,475	89	1,513	165	81	28	------	27
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,328	219	414	399	31	223	18	7	11	------	6
TEACHING	1,000	902	31	26	6	14	2	8	8	------	3
PRODUCTION AND INSPECTION	82	2	25	15	------	38	1	1	------	------	------
CONSULTING	48	1	13	9	1	14	10	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	216	14	143	26	5	19	3	5	------	------	1
OTHER	859	178	289	145	21	129	34	46	14	------	3
NOT EMPLOYED	175	------	------	------	------	------	------	------	------	175	------
NO REPORT	389	108	97	47	4	46	26	27	4	------	30

APPENDIX TABLE A-9A. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES	46,183	27,141	5,080	2,020	2,893	4,521	838	1,227	255	1,268	940
RESEARCH AND DEVELOPMENT (A)	18,897	11,158	2,706	697	1,440	1,844	69	598	110	------	275
BASIC RESEARCH	13,194	8,761	1,640	390	1,053	626	23	401	90	------	210
APPLIED RESEARCH	5,690	2,393	1,064	307	386	1,213	45	197	20	------	65
MANAGEMENT OR ADMINISTRATION (B)	8,087	2,223	1,720	834	581	2,083	133	362	67	------	84
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,870	965	853	241	262	1,251	34	194	25	------	45
TEACHING	12,484	12,100	75	59	93	14	12	30	30	------	71
PRODUCTION AND INSPECTION	107	8	17	9	3	65	1	------	2	------	2
CONSULTING	2,021	337	111	149	556	134	542	126	13	------	53
EXPLORATION, FORECASTING, AND REPORTING	299	70	81	29	24	70	14	6	2	------	3
OTHER	1,176	399	226	163	73	187	26	59	26	------	17
NOT EMPLOYED	1,268	------	------	------	------	------	------	------	------	1,268	------
NO REPORT	1,844	846	144	80	123	124	41	46	5	------	435
PSYCHOLOGY	23,077	12,810	1,443	1,977	2,318	1,747	1,402	256	176	744	204
RESEARCH AND DEVELOPMENT (A)	5,979	3,580	455	507	619	516	99	114	55	------	34
BASIC RESEARCH	1,722	1,242	158	73	127	57	5	36	12	------	12
APPLIED RESEARCH	4,034	2,271	280	403	461	394	86	77	42	------	20
MANAGEMENT OR ADMINISTRATION (B)	4,424	2,019	427	596	622	617	24	57	44	------	18
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,471	523	230	117	230	309	9	33	13	------	7
TEACHING	5,346	5,159	12	67	43	15	16	10	8	------	16
PRODUCTION AND INSPECTION	7	3	------	1	------	------	2	------	------	------	1
CONSULTING	5,510	1,566	479	685	921	518	1,178	60	51	------	52
EXPLORATION, FORECASTING, AND REPORTING	91	42	9	10	7	11	8	1	2	------	1
OTHER	382	147	25	63	53	43	32	6	10	------	3
NOT EMPLOYED	744	------	------	------	------	------	------	------	------	744	------
NO REPORT	594	294	36	48	53	27	43	8	6	------	79
STATISTICS	2,639	889	588	149	132	692	21	36	24	71	37
RESEARCH AND DEVELOPMENT (A)	743	204	149	36	70	263	2	9	4	------	6
BASIC RESEARCH	169	105	26	8	9	16	------	1	1	------	3
APPLIED RESEARCH	542	97	117	28	61	224	2	7	3	------	3
MANAGEMENT OR ADMINISTRATION (B)	534	72	208	48	29	151	3	11	8	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	284	30	111	24	19	87	3	5	3	------	2
TEACHING	482	471	3	3	------	------	------	------	1	------	4
PRODUCTION AND INSPECTION	85	1	31	2	1	50	------	------	------	------	------
CONSULTING	269	67	57	10	7	110	9	6	3	------	------
EXPLORATION, FORECASTING, AND REPORTING	286	34	90	40	17	83	5	9	5	------	3
OTHER	71	12	30	6	3	17	------	1	1	------	1
NOT EMPLOYED	71	------	------	------	------	------	------	------	------	71	------
NO REPORT	98	28	20	4	5	18	2	------	2	------	19
ECONOMICS	11,510	6,681	1,417	517	505	1,636	186	97	41	315	115
RESEARCH AND DEVELOPMENT (A)	2,377	1,128	498	205	241	244	25	12	11	------	13
BASIC RESEARCH	655	440	89	45	46	20	8	1	1	------	5
APPLIED RESEARCH	1,609	668	375	142	183	201	14	10	8	------	8
MANAGEMENT OR ADMINISTRATION (B)	2,630	823	605	198	164	746	34	34	15	------	11
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,075	246	323	120	87	277	6	6	5	------	5
TEACHING	4,496	4,410	18	8	8	8	5	25	3	------	11
PRODUCTION AND INSPECTION	173	16	12	4	5	125	9	2	------	------	------
CONSULTING	356	24	33	12	23	175	81	------	5	------	3
EXPLORATION, FORECASTING, AND REPORTING	515	49	141	59	26	219	12	5	3	------	1
OTHER	267	67	70	16	17	74	9	10	3	------	1
NOT EMPLOYED	315	------	------	------	------	------	------	------	------	315	------
NO REPORT	381	164	40	15	21	45	11	9	1	------	75

APPENDIX TABLE A-9A. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	6,638	4,827	240	232	343	121	53	32	60	533	197
RESEARCH AND DEVELOPMENT (A)	1,437	1,003	91	82	148	46	24	8	18	-------	17
BASIC RESEARCH	893	733	39	33	44	8	13	2	11	-------	10
APPLIED RESEARCH	544	270	52	49	104	38	11	6	7	-------	7
MANAGEMENT OR ADMINISTRATION (B)	884	455	108	84	137	56	8	13	17	-------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	405	170	69	45	76	32	3	5	5	-------	-------
TEACHING	3,139	3,073	7	11	14	2	4	4	12	-------	12
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	33	12	6	6	6	-------	2	-------	1	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	77	27	11	11	10	7	7	1	2	-------	1
OTHER	210	126	12	30	16	4	6	3	4	-------	9
NOT EMPLOYED	533	-------	-------	-------	-------	-------	-------	-------	-------	533	-------
NO REPORT	325	131	5	8	12	6	2	3	6	-------	152
POLITICAL SCIENCE	5,176	3,921	348	150	200	116	50	95	34	213	49
RESEARCH AND DEVELOPMENT (A)	619	416	50	27	66	31	12	10	4	-------	3
BASIC RESEARCH	413	345	13	10	23	8	5	3	3	-------	3
APPLIED RESEARCH	169	62	19	16	38	22	7	5	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	877	431	182	76	89	33	7	41	11	-------	7
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	260	108	55	22	48	13	4	5	3	-------	2
TEACHING	2,954	2,911	7	3	1	1	1	20	4	-------	6
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	65	8	8	5	7	13	17	1	3	-------	3
EXPLORATION, FORECASTING, AND REPORTING	126	25	43	15	12	14	2	8	5	-------	2
OTHER	169	38	50	16	17	18	10	14	4	-------	2
NOT EMPLOYED	213	-------	-------	-------	-------	-------	-------	-------	-------	213	-------
NO REPORT	153	92	8	8	8	6	1	1	3	-------	26
ANTHROPOLOGY	1,219	986	34	14	25	11	12	-------	77	44	16
RESEARCH AND DEVELOPMENT (A)	258	183	16	9	9	3	4	-------	33	-------	1
BASIC RESEARCH	222	163	11	6	6	2	1	-------	32	-------	1
APPLIED RESEARCH	36	20	5	3	3	1	3	-------	1	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	130	75	11	3	13	6	1	-------	19	-------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	72	31	8	3	10	5	-------	-------	13	-------	2
TEACHING	683	678	-------	1	2	-------	-------	-------	2	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	8	1	-------	-------	1	1	4	-------	1	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	32	9	4	1	-------	-------	2	-------	15	-------	1
OTHER	4	2	-------	-------	-------	-------	-------	-------	2	-------	-------
NOT EMPLOYED	44	-------	-------	-------	-------	-------	-------	-------	-------	44	-------
NO REPORT	60	38	3	-------	-------	1	1	-------	5	-------	12
LINGUISTICS	1,541	1,121	58	15	118	41	10	4	15	110	49
RESEARCH AND DEVELOPMENT (A)	246	155	12	1	54	11	4	-------	4	-------	5
BASIC RESEARCH	160	114	4	1	28	6	2	-------	2	-------	3
APPLIED RESEARCH	86	41	8	-------	26	5	2	-------	2	-------	2
MANAGEMENT OR ADMINISTRATION (B)	164	98	22	2	24	13	-------	1	1	-------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	44	18	4	1	14	6	-------	-------	-------	-------	1
TEACHING	812	780	9	5	-------	1	1	1	7	-------	8
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	18	3	1	1	6	4	1	-------	2	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	62	25	5	3	20	5	4	-------	-------	-------	-------
OTHER	20	4	2	1	8	3	-------	1	-------	-------	1
NOT EMPLOYED	110	-------	-------	-------	-------	-------	-------	-------	-------	110	-------
NO REPORT	109	56	7	2	6	4	-------	1	1	-------	32

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-98. NUMBER OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	111,206	64,624	8,461	2,300	4,937	24,099	1,945	949	549	2,503	839
RESEARCH AND DEVELOPMENT (A)	42,390	20,724	4,786	873	2,447	12,447	200	469	226	------	218
BASIC RESEARCH	26,727	16,531	3,126	490	1,493	4,400	68	299	175	------	145
APPLIED RESEARCH	14,147	4,082	1,602	355	903	6,815	110	164	49	------	67
MANAGEMENT OR ADMINISTRATION (B)	21,069	7,015	2,544	784	1,383	8,684	136	296	143	------	84
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	12,967	2,637	1,955	320	815	6,868	66	185	72	------	49
TEACHING	33,902	33,386	90	111	75	40	30	57	43	------	70
PRODUCTION AND INSPECTION	782	36	21	15	23	641	28	6	8	------	4
CONSULTING	4,655	987	469	326	644	773	1,309	50	42	------	55
EXPLORATION, FORECASTING, AND REPORTING	1,099	217	150	52	91	461	81	15	26	------	6
OTHER	1,265	351	164	70	122	404	71	35	41	------	7
NOT EMPLOYED	2,503	------	------	------	------	------	------	------	------	2,503	------
NO REPORT	3,541	1,908	237	69	152	649	90	21	20	------	395
CHEMISTRY	28,973	9,895	1,438	193	835	14,473	303	207	135	1,262	232
RESEARCH AND DEVELOPMENT (A)	12,669	3,345	875	95	454	7,640	34	123	53	------	50
BASIC RESEARCH	6,915	3,036	654	68	311	2,683	14	85	39	------	25
APPLIED RESEARCH	4,684	299	202	24	125	3,951	14	34	13	------	22
MANAGEMENT OR ADMINISTRATION (B)	7,072	837	437	49	243	5,359	55	48	27	------	17
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	5,254	283	361	24	159	4,342	24	32	16	------	13
TEACHING	5,437	5,373	13	8	7	10	1	10	7	------	8
PRODUCTION AND INSPECTION	681	24	13	11	23	575	19	6	7	------	3
CONSULTING	340	24	12	6	12	148	129	1	4	------	4
EXPLORATION, FORECASTING, AND REPORTING	160	16	15	1	39	79	5	2	3	------	------
OTHER	449	30	29	12	35	276	30	11	25	------	1
NOT EMPLOYED	1,262	------	------	------	------	------	------	------	------	1,262	------
NO REPORT	903	246	44	11	22	386	30	6	9	------	149
EARTH & MARINE SCIENCES	4,956	2,906	668	128	108	865	143	21	28	66	23
RESEARCH AND DEVELOPMENT (A)	1,415	513	442	75	64	292	9	6	14	------	------
BASIC RESEARCH	982	444	331	46	50	89	5	4	13	------	------
APPLIED RESEARCH	429	68	110	28	14	202	4	2	1	------	------
MANAGEMENT OR ADMINISTRATION (B)	753	283	151	36	33	227	8	8	6	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	406	106	122	28	16	123	4	1	5	------	1
TEACHING	1,990	1,976	3	1	1	1	2	3	1	------	2
PRODUCTION AND INSPECTION	44	------	6	------	------	33	4	------	1	------	------
CONSULTING	93	3	1	2	1	19	67	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	371	12	39	12	7	252	41	------	6	------	2
OTHER	35	10	9	1	1	8	2	4	------	------	------
NOT EMPLOYED	66	------	------	------	------	------	------	------	------	66	------
NO REPORT	189	109	17	1	1	33	10	------	------	------	18
ATMOSPHERIC & SPACE SCIENCES	514	292	123	3	23	44	2	21	1	2	3
RESEARCH AND DEVELOPMENT (A)	246	140	63	3	15	19	------	4	1	------	1
BASIC RESEARCH	169	111	38	1	8	10	------	------	1	------	------
APPLIED RESEARCH	77	29	25	2	7	9	------	4	------	------	1
MANAGEMENT OR ADMINISTRATION (B)	111	28	47	------	6	18	1	11	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	81	19	33	------	6	15	1	7	------	------	------
TEACHING	115	112	3	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	3	1	1	------	------	1	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	13	2	5	------	1	2	1	2	------	------	------
OTHER	5	------	1	------	------	------	------	4	------	------	------
NOT EMPLOYED	2	------	------	------	------	------	------	------	------	2	------
NO REPORT	19	9	3	------	1	4	------	------	------	------	2

APPENDIX TABLE A-98. NUMBER OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
PHYSICS	14,311	8,364	1,269	38	473	3,697	115	104	27	182	42
RESEARCH AND DEVELOPMENT (A)	7,753	4,035	856	21	308	2,410	41	53	18	------	11
BASIC RESEARCH	5,444	3,519	677	19	172	995	16	24	16	------	6
APPLIED RESEARCH	2,105	478	171	2	135	1,268	18	27	2	------	4
MANAGEMENT OR ADMINISTRATION (B)	2,352	727	345	13	124	1,081	16	40	5	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,815	406	312	5	109	944	10	27	1	------	1
TEACHING	3,317	3,304	1	1	3	4	------	3	1	------	------
PRODUCTION AND INSPECTION	9	2	------	------	------	5	2	------	------	------	------
CONSULTING	139	6	11	------	8	68	45	1	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	83	26	11	1	11	25	5	4	------	------	------
OTHER	56	14	16	------	4	15	4	2	1	------	------
NOT EMPLOYED	182	------	------	------	------	------	------	------	------	182	------
NO REPORT	420	250	29	2	15	89	2	1	2	------	30
MATHEMATICS	6,929	5,363	196	63	177	864	33	52	33	96	52
RESEARCH AND DEVELOPMENT (A)	1,953	1,241	87	19	110	453	2	17	17	------	7
BASIC RESEARCH	1,340	1,108	38	16	46	107	2	7	11	------	5
APPLIED RESEARCH	567	128	49	2	61	309	------	10	6	------	2
MANAGEMENT OR ADMINISTRATION (B)	857	423	71	14	45	272	6	17	7	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	387	93	52	6	34	183	4	9	4	------	2
TEACHING	3,538	3,467	16	23	1	7	------	13	4	------	7
PRODUCTION AND INSPECTION	4	1	------	------	------	2	1	------	------	------	------
CONSULTING	120	15	10	2	5	70	15	------	1	------	2
EXPLORATION, FORECASTING, AND REPORTING	60	25	3	2	5	18	5	------	2	------	------
OTHER	38	13	3	------	5	11	------	4	1	------	1
NOT EMPLOYED	96	------	------	------	------	------	------	------	------	96	------
NO REPORT	263	178	6	3	6	31	4	1	1	------	33
COMPUTER SCIENCES	469	209	15	6	34	188	1	6	2	5	3
RESEARCH AND DEVELOPMENT (A)	181	55	6	2	23	91	------	2	2	------	------
BASIC RESEARCH	52	35	2	1	6	8	------	------	------	------	------
APPLIED RESEARCH	117	19	3	------	17	74	------	2	2	------	------
MANAGEMENT OR ADMINISTRATION (B)	145	54	8	4	9	69	------	1	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	102	30	5	2	7	57	------	1	------	------	------
TEACHING	84	82	------	------	------	1	------	1	------	------	------
PRODUCTION AND INSPECTION	1	------	------	------	------	1	------	------	------	------	------
CONSULTING	12	3	------	------	------	8	1	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	9	3	------	------	1	4	------	1	------	------	------
OTHER	11	2	1	------	------	8	------	------	------	------	------
NOT EMPLOYED	5	------	------	------	------	------	------	------	------	5	------
NO REPORT	21	10	------	------	1	6	------	1	------	------	3
AGRICULTURAL SCIENCES	2,332	1,558	414	67	40	197	12	7	12	12	13
RESEARCH AND DEVELOPMENT (A)	1,121	719	268	36	11	78	1	1	2	------	5
BASIC RESEARCH	289	170	91	15	1	7	1	1	------	------	3
APPLIED RESEARCH	832	549	177	21	10	71	------	------	2	------	2
MANAGEMENT OR ADMINISTRATION (B)	506	218	123	25	23	96	5	5	7	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	357	146	101	14	18	67	2	1	5	------	3
TEACHING	488	476	4	2	1	2	1	------	1	------	1
PRODUCTION AND INSPECTION	1	------	------	------	------	1	------	------	------	------	------
CONSULTING	1	------	------	------	------	1	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	12	4	3	1	------	3	------	1	------	------	------
OTHER	109	78	7	2	3	12	5	------	2	------	------
NOT EMPLOYED	12	------	------	------	------	------	------	------	------	12	------
NO REPORT	82	63	9	1	2	4	------	------	------	------	3

APPENDIX TABLE A-98. NUMBER OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968—CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES	22,344	15,001	2,393	535	1,230	2,113	118	339	102	273	240
RESEARCH AND DEVELOPMENT (A)	10,916	6,779	1,587	295	827	1,039	26	197	59	-------	107
BASIC RESEARCH	8,491	5,737	1,083	224	716	429	12	146	53	-------	91
APPLIED RESEARCH	2,423	1,040	504	71	111	610	14	51	6	-------	16
MANAGEMENT OR ADMINISTRATION (B)	3,553	1,365	645	159	241	954	13	112	31	-------	33
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,314	639	551	80	138	788	5	78	15	-------	20
TEACHING	6,268	6,170	21	16	17	1	6	6	7	-------	24
PRODUCTION AND INSPECTION	9	2	-------	1	-------	6	-------	-------	-------	-------	-------
CONSULTING	254	46	14	21	72	17	62	11	2	-------	9
EXPLORATION, FORECASTING, AND REPORTING	103	35	19	9	9	23	3	3	1	-------	1
OTHER	210	107	30	14	16	29	4	5	2	-------	3
NOT EMPLOYED	273	-------	-------	-------	-------	-------	-------	-------	-------	273	-------
NO REPORT	758	497	77	20	48	44	4	5	-------	-------	63
PSYCHOLOGY	14,794	8,658	1,069	916	1,410	1,001	1,084	142	90	319	105
RESEARCH AND DEVELOPMENT (A)	3,136	1,869	309	189	362	252	56	57	20	-------	22
BASIC RESEARCH	1,471	1,089	135	55	100	43	5	28	8	-------	8
APPLIED RESEARCH	1,544	743	164	116	240	184	44	29	12	-------	12
MANAGEMENT OR ADMINISTRATION (B)	3,083	1,560	318	345	429	339	17	37	25	-------	13
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,128	438	174	81	183	208	8	23	9	-------	4
TEACHING	4,256	4,129	10	46	32	7	13	5	6	-------	8
PRODUCTION AND INSPECTION	6	2	-------	1	-------	-------	2	-------	-------	-------	1
CONSULTING	3,413	818	390	284	522	355	941	36	31	-------	36
EXPLORATION, FORECASTING, AND REPORTING	58	36	4	4	2	4	5	-------	2	-------	1
OTHER	172	49	15	27	31	23	18	2	5	-------	2
NOT EMPLOYED	319	-------	-------	-------	-------	-------	-------	-------	-------	319	-------
NO REPORT	351	195	23	20	32	21	32	5	1	-------	22
STATISTICS	929	600	86	20	39	151	11	3	3	10	6
RESEARCH AND DEVELOPMENT (A)	252	122	26	5	28	68	-------	2	1	-------	-------
BASIC RESEARCH	94	73	7	-------	7	6	-------	1	-------	-------	-------
APPLIED RESEARCH	153	49	19	5	21	57	-------	1	1	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	137	93	34	8	7	32	2	-------	-------	-------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	85	22	25	4	6	25	2	-------	-------	-------	1
TEACHING	364	357	2	3	-------	-------	-------	-------	1	-------	1
PRODUCTION AND INSPECTION	3	-------	2	-------	-------	1	-------	-------	-------	-------	-------
CONSULTING	104	43	14	2	2	33	8	1	1	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	21	5	5	1	1	8	1	-------	-------	-------	-------
OTHER	6	2	1	1	1	1	-------	-------	-------	-------	-------
NOT EMPLOYED	10	-------	-------	-------	-------	-------	-------	-------	-------	10	-------
NO REPORT	32	.18	2	-------	-------	8	-------	-------	-------	-------	4
ECONOMICS	6,112	4,568	489	208	251	405	67	9	11	76	28
RESEARCH AND DEVELOPMENT (A)	1,288	786	188	90	129	74	12	1	3	-------	5
BASIC RESEARCH	418	324	33	19	28	6	5	-------	-------	-------	3
APPLIED RESEARCH	835	450	145	67	97	66	5	1	2	-------	2
MANAGEMENT OR ADMINISTRATION (B)	1,235	645	222	81	75	196	7	2	5	-------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	549	204	151	54	46	88	3	-------	2	-------	1
TEACHING	2,986	2,952	9	3	6	4	3	4	1	-------	4
PRODUCTION AND INSPECTION	24	5	-------	2	-------	17	-------	-------	-------	-------	-------
CONSULTING	122	16	8	7	11	46	32	-------	-------	-------	2
EXPLORATION, FORECASTING, AND REPORTING	112	19	28	14	6	38	5	1	1	-------	-------
OTHER	81	23	20	6	11	17	3	-------	1	-------	-------
NOT EMPLOYED	76	-------	-------	-------	-------	-------	-------	-------	-------	76	-------
NO REPORT	188	122	14	5	13	13	5	1	-------	-------	15

APPENDIX TABLE A-98. NUMBER OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968—CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	3,396	2,866	100	55	154	35	28	11	23	77	47
RESEARCH AND DEVELOPMENT (A)	761	596	36	26	62	12	12	4	6	------	7
BASIC RESEARCH	516	440	18	16	21	6	7	2	4	------	2
APPLIED RESEARCH	245	156	18	10	41	6	5	2	2	------	5
MANAGEMENT OR ADMINISTRATION (B)	526	348	48	19	77	17	4	5	9	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	234	122	36	13	45	12	2	3	1	------	------
TEACHING	1,847	1,816	------	5	4	2	3	2	7	------	8
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	14	6	4	1	2	------	1	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	20	8	2	1	2	1	6	------	------	------	------
OTHER	24	9	6	1	7	------	1	------	------	------	------
NOT EMPLOYED	77	------	------	------	------	------	------	------	------	77	------
NO REPORT	127	83	4	2	5	3	1	------	1	------	28
POLITICAL SCIENCE	3,034	2,567	148	48	101	36	16	25	10	68	15
RESEARCH AND DEVELOPMENT (A)	323	247	23	8	29	10	3	2	------	------	1
BASIC RESEARCH	238	208	7	4	12	4	1	1	------	------	1
APPLIED RESEARCH	68	34	7	4	14	6	2	1	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	511	322	78	26	52	13	2	10	5	------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	158	87	23	5	29	7	1	3	2	------	1
TEACHING	1,940	1,922	5	------	1	------	------	9	1	------	2
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	23	3	3	------	4	5	5	------	1	------	2
EXPLORATION, FORECASTING, AND REPORTING	33	7	11	4	5	2	1	1	1	------	1
OTHER	58	10	25	6	5	3	4	3	2	------	------
NOT EMPLOYED	68	------	------	------	------	------	------	------	------	68	------
NO REPORT	78	56	3	4	5	3	1	------	------	------	6
ANTHROPOLOGY	1,158	955	30	14	24	10	9	------	66	34	16
RESEARCH AND DEVELOPMENT (A)	244	177	14	9	8	2	3	------	30	------	1
BASIC RESEARCH	211	159	9	6	5	1	------	------	30	------	1
APPLIED RESEARCH	33	18	5	3	3	1	3	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	122	72	10	3	13	6	------	------	16	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	67	28	7	3	10	5	------	------	12	------	2
TEACHING	664	659	------	1	2	------	------	------	2	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	7	1	------	------	1	1	3	------	1	------	------
EXPLORATION, FORECASTING, AND REPORTING	25	8	3	1	------	------	2	------	10	------	1
OTHER	4	2	------	------	------	------	------	------	2	------	------
NOT EMPLOYED	34	------	------	------	------	------	------	------	------	34	------
NO REPORT	58	36	3	------	------	1	1	------	5	------	12
LINGUISTICS	955	822	23	6	38	20	3	2	6	21	14
RESEARCH AND DEVELOPMENT (A)	132	100	6	------	17	7	1	------	------	------	1
BASIC RESEARCH	97	78	3	------	10	6	------	------	------	------	------
APPLIED RESEARCH	35	22	3	------	7	1	1	------	------	------	1
MANAGEMENT OR ADMINISTRATION (B)	106	80	7	2	11	5	------	------	------	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	30	14	2	1	9	4	------	------	------	------	------
TEACHING	608	591	3	2	------	1	1	1	4	------	5
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	10	2	1	1	4	1	------	------	1	------	------
EXPLORATION, FORECASTING, AND REPORTING	19	11	2	1	2	2	1	------	------	------	------
OTHER	7	2	1	------	3	1	------	------	------	------	------
NOT EMPLOYED	21	------	------	------	------	------	------	------	------	21	------
NO REPORT	52	36	3	------	1	3	------	1	1	------	7

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-9C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	86,717	34,928	8,208	3,403	3,113	25,983	1,480	2,186	579	4,671	2,166
RESEARCH AND DEVELOPMENT (A)	25,938	9,585	3,754	1,017	1,315	9,238	136	468	177	------	248
BASIC RESEARCH	9,197	5,870	1,312	246	351	1,016	31	140	63	------	168
APPLIED RESEARCH	13,361	3,559	2,267	735	884	5,359	94	294	96	------	73
MANAGEMENT OR ADMINISTRATION (B)	16,280	2,204	2,682	1,187	822	8,019	208	933	146	------	79
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	7,103	579	1,282	399	391	4,037	44	294	46	------	31
TEACHING	20,719	20,023	97	101	57	110	17	143	79	------	92
PRODUCTION AND INSPECTION	3,614	79	196	97	41	3,044	80	47	17	------	13
CONSULTING	3,903	855	202	456	497	1,171	584	65	47	------	26
EXPLORATION, FORECASTING, AND REPORTING	4,695	358	663	223	165	2,748	298	192	33	------	15
OTHER	2,958	899	395	211	134	958	72	210	52	------	27
NOT EMPLOYED	4,671	------	------	------	------	------	------	------	------	4,671	------
NO REPORT	3,939	925	219	111	82	695	85	128	28	------	1,666
CHEMISTRY	20,121	4,579	1,142	264	487	11,154	227	281	125	1,319	543
RESEARCH AND DEVELOPMENT (A)	6,934	1,709	565	54	208	4,204	19	61	40	------	74
BASIC RESEARCH	2,489	1,453	257	23	98	568	3	21	13	------	53
APPLIED RESEARCH	2,607	231	264	27	92	1,913	12	32	17	------	19
MANAGEMENT OR ADMINISTRATION (B)	4,473	213	329	91	138	3,499	35	119	29	------	20
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,329	46	202	15	68	1,933	8	40	10	------	7
TEACHING	2,405	2,321	13	5	9	16	------	21	12	------	8
PRODUCTION AND INSPECTION	2,799	53	120	73	36	2,418	39	34	16	------	10
CONSULTING	358	20	13	6	14	199	99	3	3	------	1
EXPLORATION, FORECASTING, AND REPORTING	215	14	20	7	44	112	9	6	3	------	------
OTHER	662	116	44	18	28	400	13	22	15	------	6
NOT EMPLOYED	1,319	------	------	------	------	------	------	------	------	1,319	------
NO REPORT	956	133	38	10	10	306	13	15	7	------	424
EARTH & MARINE SCIENCES	7,651	1,940	926	356	82	3,219	497	132	30	308	161
RESEARCH AND DEVELOPMENT (A)	1,260	375	418	103	33	292	7	17	6	------	9
BASIC RESEARCH	600	295	179	47	13	40	3	13	5	------	5
APPLIED RESEARCH	659	80	238	56	20	252	4	4	1	------	4
MANAGEMENT OR ADMINISTRATION (B)	1,066	73	205	72	21	583	39	62	11	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	359	28	117	28	11	149	5	16	5	------	------
TEACHING	1,422	1,380	4	4	1	12	------	15	3	------	3
PRODUCTION AND INSPECTION	465	5	33	16	1	377	32	------	------	------	1
CONSULTING	202	1	7	6	2	72	112	1	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	2,364	35	190	110	16	1,736	262	6	7	------	2
OTHER	200	21	47	31	4	69	9	17	2	------	------
NOT EMPLOYED	308	------	------	------	------	------	------	------	------	308	------
NO REPORT	364	50	22	14	4	78	36	14	1	------	145
ATMOSPHERIC & SPACE SCIENCES	1,555	277	463	17	57	165	11	494	6	40	25
RESEARCH AND DEVELOPMENT (A)	471	152	167	6	33	64	2	40	4	------	3
BASIC RESEARCH	181	96	56	1	10	7	------	9	------	------	2
APPLIED RESEARCH	290	56	111	5	23	57	2	31	4	------	1
MANAGEMENT OR ADMINISTRATION (B)	467	21	140	6	14	43	1	239	1	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	150	13	54	1	10	23	------	48	------	------	1
TEACHING	94	81	1	------	------	1	------	10	------	------	1
PRODUCTION AND INSPECTION	11	------	2	------	------	2	1	6	------	------	------
CONSULTING	41	------	7	------	1	10	5	18	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	250	4	111	3	5	25	1	101	------	------	------
OTHER	103	9	23	1	2	12	1	54	1	------	------
NOT EMPLOYED	40	------	------	------	------	------	------	------	------	40	------
NO REPORT	78	10	12	1	2	8	------	26	------	------	19

APPENDIX TABLE A-9C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
PHYSICS	10,776	4,935	1,133	23	259	2,983	56	305	5	562	515
RESEARCH AND DEVELOPMENT (A)	4,902	1,907	761	5	164	1,925	13	91	2	-------	34
BASIC RESEARCH	2,168	1,537	298	2	44	227	7	25	1	-------	27
APPLIED RESEARCH	2,095	319	415	3	109	1,177	4	62	1	-------	5
MANAGEMENT OR ADMINISTRATION (B)	1,466	235	276	7	57	736	7	143	1	-------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,026	85	235	1	49	566	4	84	-------	-------	2
TEACHING	2,645	2,591	9	2	6	9	2	16	2	-------	8
PRODUCTION AND INSPECTION	56	2	4	-------	-------	48	1	1	-------	-------	-------
CONSULTING	123	14	8	2	3	69	24	1	-------	-------	2
EXPLORATION, FORECASTING, AND REPORTING	204	51	34	1	12	92	3	11	-------	-------	-------
OTHER	127	31	15	4	9	40	2	24	-------	-------	2
NOT EMPLOYED	562	-------	-------	-------	-------	-------	-------	-------	-------	562	-------
NO REPORT	691	104	26	2	8	64	4	18	-------	-------	465
MATHEMATICS	12,094	6,607	618	150	314	3,163	86	315	115	532	194
RESEARCH AND DEVELOPMENT (A)	2,210	648	273	22	147	1,008	14	52	24	-------	22
BASIC RESEARCH	565	439	39	6	23	36	4	5	4	-------	9
APPLIED RESEARCH	1,334	194	209	10	112	737	7	38	17	-------	10
MANAGEMENT OR ADMINISTRATION (B)	2,111	349	193	42	106	1,239	6	138	30	-------	8
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	924	67	114	16	79	588	4	43	10	-------	3
TEACHING	5,290	5,100	21	36	4	29	7	35	34	-------	24
PRODUCTION AND INSPECTION	63	2	6	1	2	46	1	4	-------	-------	1
CONSULTING	486	28	17	14	14	350	43	3	13	-------	4
EXPLORATION, FORECASTING, AND REPORTING	436	65	60	13	16	239	5	28	5	-------	5
OTHER	447	192	25	15	14	151	7	35	4	-------	4
NOT EMPLOYED	532	-------	-------	-------	-------	-------	-------	-------	-------	532	-------
NO REPORT	519	223	23	7	11	101	3	20	5	-------	126
COMPUTER SCIENCES	2,736	405	178	26	158	1,760	18	86	23	57	25
RESEARCH AND DEVELOPMENT (A)	1,094	158	74	8	85	733	2	19	11	-------	4
BASIC RESEARCH	62	32	7	-------	4	13	1	2	1	-------	2
APPLIED RESEARCH	652	104	50	8	61	409	1	9	8	-------	2
MANAGEMENT OR ADMINISTRATION (B)	597	76	45	5	34	385	2	40	5	-------	5
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	322	31	28	1	19	226	1	12	2	-------	2
TEACHING	82	62	2	-------	-------	16	-------	2	-------	-------	-------
PRODUCTION AND INSPECTION	27	2	2	-------	-------	22	-------	1	-------	-------	-------
CONSULTING	157	10	2	-------	8	126	10	-------	-------	-------	1
EXPLORATION, FORECASTING, AND REPORTING	462	62	32	10	16	318	3	16	4	-------	1
OTHER	170	20	14	2	13	113	1	5	2	-------	-------
NOT EMPLOYED	57	-------	-------	-------	-------	-------	-------	-------	-------	57	-------
NO REPORT	90	15	7	1	2	47	-------	3	1	-------	14
AGRICULTURAL SCIENCES	3,417	1,030	1,093	509	47	499	71	49	22	72	25
RESEARCH AND DEVELOPMENT (A)	1,139	459	384	169	9	94	5	9	5	-------	5
BASIC RESEARCH	298	158	92	40	2	1	1	3	1	-------	-------
APPLIED RESEARCH	838	301	290	129	7	92	4	6	4	-------	5
MANAGEMENT OR ADMINISTRATION (B)	1,425	122	566	294	30	330	46	24	8	-------	5
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	428	56	134	148	8	70	6	2	3	-------	1
TEACHING	362	328	8	10	1	8	-------	1	5	-------	1
PRODUCTION AND INSPECTION	15	-------	2	2	-------	11	-------	-------	-------	-------	-------
CONSULTING	10	1	2	1	-------	3	3	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	67	8	43	5	-------	8	1	2	-------	-------	-------
OTHER	220	73	70	23	7	29	7	8	3	-------	-------
NOT EMPLOYED	72	-------	-------	-------	-------	-------	-------	-------	-------	72	-------
NO REPORT	107	39	18	5	-------	16	9	5	1	-------	14

APPENDIX TABLE A-9C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES	10,064	5,926	1,085	513	300	920	77	227	69	620	327
RESEARCH AND DEVELOPMENT (A)	3,097	1,658	597	170	133	346	6	100	25	-------	62
BASIC RESEARCH	1,898	1,245	289	68	74	96	1	51	21	-------	53
APPLIED RESEARCH	1,194	412	307	102	58	248	5	49	4	-------	9
MANAGEMENT OR ADMINISTRATION (B)	1,498	287	336	235	71	417	40	79	17	-------	16
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	509	68	125	64	21	184	8	26	5	-------	8
TEACHING	3,730	3,634	21	13	14	8	1	6	10	-------	23
PRODUCTION AND INSPECTION	31	3	2	3	-------	21	-------	-------	1	-------	1
CONSULTING	146	16	10	26	53	12	17	10	2	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	88	20	27	5	6	25	2	2	-------	-------	1
OTHER	415	191	71	40	14	57	6	18	12	-------	6
NOT EMPLOYED	620	-------	-------	-------	-------	-------	-------	-------	-------	620	-------
NO REPORT	439	117	21	21	9	34	5	12	2	-------	218
PSYCHOLOGY	8,000	4,039	360	1,022	870	716	300	109	83	408	93
RESEARCH AND DEVELOPMENT (A)	2,771	1,676	142	308	251	253	42	53	34	-------	12
BASIC RESEARCH	235	140	22	17	26	14	-------	8	4	-------	4
APPLIED RESEARCH	2,437	1,507	113	278	216	201	41	44	29	-------	8
MANAGEMENT OR ADMINISTRATION (B)	1,294	448	105	242	182	267	7	20	18	-------	5
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	326	81	54	35	43	96	1	10	3	-------	3
TEACHING	1,041	985	2	19	10	7	3	5	2	-------	8
PRODUCTION AND INSPECTION	1	1	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	2,025	728	85	384	385	158	226	23	20	-------	16
EXPLORATION, FORECASTING, AND REPORTING	29	6	4	5	5	7	1	1	-------	-------	-------
OTHER	200	97	9	36	19	18	11	4	5	-------	1
NOT EMPLOYED	408	-------	-------	-------	-------	-------	-------	-------	-------	408	-------
NO REPORT	231	98	13	28	18	6	10	3	4	-------	51
STATISTICS	1,147	260	253	64	65	386	6	30	12	45	26
RESEARCH AND DEVELOPMENT (A)	360	70	70	21	34	151	-------	7	2	-------	5
BASIC RESEARCH	54	27	10	6	2	5	-------	-------	1	-------	3
APPLIED RESEARCH	284	42	55	15	32	131	-------	6	1	-------	2
MANAGEMENT OR ADMINISTRATION (B)	219	17	81	12	15	78	1	10	3	-------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	119	7	43	6	8	46	1	5	2	-------	1
TEACHING	106	104	-------	-------	-------	-------	-------	-------	-------	-------	2
PRODUCTION AND INSPECTION	46	1	17	1	-------	27	-------	-------	-------	-------	-------
CONSULTING	132	21	27	7	4	65	1	5	2	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	142	27	32	16	7	44	3	7	3	-------	3
OTHER	45	10	15	4	2	12	-------	1	1	-------	-------
NOT EMPLOYED	45	-------	-------	-------	-------	-------	-------	-------	-------	45	-------
NO REPORT	52	10	11	3	3	9	1	-------	1	-------	14
ECONOMICS	4,306	1,852	676	226	206	881	79	75	26	208	77
RESEARCH AND DEVELOPMENT (A)	872	287	238	91	100	124	8	9	8	-------	7
BASIC RESEARCH	177	89	41	17	16	7	3	1	1	-------	2
APPLIED RESEARCH	633	190	181	62	77	101	4	7	6	-------	5
MANAGEMENT OR ADMINISTRATION (B)	1,017	160	262	85	66	390	15	24	9	-------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	374	37	121	41	31	132	2	6	2	-------	2
TEACHING	1,338	1,291	8	4	2	3	2	20	2	-------	6
PRODUCTION AND INSPECTION	100	10	8	1	2	72	6	1	-------	-------	-------
CONSULTING	169	5	18	3	7	96	36	-------	3	-------	1
EXPLORATION, FORECASTING, AND REPORTING	291	25	78	30	19	128	4	4	2	-------	1
OTHER	147	37	42	5	4	43	5	9	1	-------	1
NOT EMPLOYED	208	-------	-------	-------	-------	-------	-------	-------	-------	208	-------
NO REPORT	164	37	22	7	6	25	3	8	1	-------	55

APPENDIX TABLE A-9C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	2,507	1,602	97	134	151	55	22	17	26	298	105
RESEARCH AND DEVELOPMENT (A)	487	292	35	42	69	23	10	2	7	------	7
BASIC RESEARCH	271	209	15	12	21	------	5	------	4	------	5
APPLIED RESEARCH	216	83	20	30	48	23	5	2	3	------	2
MANAGEMENT OR ADMINISTRATION (B)	291	92	47	52	53	29	4	6	6	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	143	40	29	27	25	17	1	1	3	------	------
TEACHING	1,115	1,087	4	3	10	------	1	2	4	------	4
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	15	5	2	3	3	------	1	------	1	------	------
EXPLORATION, FORECASTING, AND REPORTING	36	14	5	6	5	3	------	1	1	------	1
OTHER	121	73	4	22	5	------	5	3	4	------	5
NOT EMPLOYED	298	------	------	------	------	------	------	------	------	298	------
NO REPORT	144	39	------	6	6	------	1	3	3	------	86
POLITICAL SCIENCE	1,897	1,220	162	91	77	68	25	66	21	138	29
RESEARCH AND DEVELOPMENT (A)	267	154	25	17	32	18	7	8	4	------	2
BASIC RESEARCH	158	124	6	6	10	2	3	2	3	------	2
APPLIED RESEARCH	89	26	10	10	20	15	4	4	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	311	96	85	44	26	17	5	29	5	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	81	16	24	16	15	5	3	1	------	------	1
TEACHING	911	889	2	3	------	1	1	10	2	------	3
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	32	5	4	4	2	8	6	1	2	------	------
EXPLORATION, FORECASTING, AND REPORTING	82	16	26	10	6	11	1	7	4	------	1
OTHER	92	27	16	9	10	12	5	10	2	------	1
NOT EMPLOYED	138	------	------	------	------	------	------	------	------	138	------
NO REPORT	64	33	4	4	1	1	------	1	2	------	18
ANTHROPOLOGY	33	20	------	------	------	------	1	------	9	3	------
RESEARCH AND DEVELOPMENT (A)	5	2	------	------	------	------	------	------	3	------	------
BASIC RESEARCH	3	1	------	------	------	------	------	------	2	------	------
APPLIED RESEARCH	2	1	------	------	------	------	------	------	1	------	------
MANAGEMENT OR ADMINISTRATION (B)	5	3	------	------	------	------	------	------	2	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	4	3	------	------	------	------	------	------	1	------	------
TEACHING	13	13	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	1	------	------	------	------	------	1	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	5	1	------	------	------	------	------	------	4	------	------
OTHER	------	------	------	------	------	------	------	------	------	3	------
NOT EMPLOYED	3	------	------	------	------	------	------	------	------	------	------
NO REPORT	1	1	------	------	------	------	------	------	------	------	------
LINGUISTICS	413	236	22	8	40	14	4	------	7	61	21
RESEARCH AND DEVELOPMENT (A)	69	38	5	1	17	3	1	------	2	------	2
BASIC RESEARCH	38	25	1	1	8	------	------	------	2	------	1
APPLIED RESEARCH	31	13	4	------	9	3	1	------	------	------	1
MANAGEMENT OR ADMINISTRATION (B)	40	12	12	------	9	6	------	------	1	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	9	1	2	------	4	2	------	------	------	------	------
TEACHING	165	157	2	2	------	------	------	------	3	------	1
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	6	1	------	------	1	3	------	------	1	------	------
EXPLORATION, FORECASTING, AND REPORTING	24	10	1	2	8	------	3	------	------	------	------
OTHER	9	2	------	1	3	2	------	------	------	------	1
NOT EMPLOYED	61	------	------	------	------	------	------	------	------	61	------
NO REPORT	39	16	2	2	2	------	------	------	------	------	17

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-9D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	89,141	13,790	12,174	3,913	1,976	43,729	2,386	3,211	517	5,278	2,167
RESEARCH AND DEVELOPMENT (A)	23,727	6,183	3,411	587	766	12,053	98	268	134	------	227
BASIC RESEARCH	8,153	5,102	1,074	222	243	1,162	23	103	59	------	165
APPLIED RESEARCH	9,628	952	2,052	344	428	5,578	52	123	49	------	50
MANAGEMENT OR ADMINISTRATION (B)	23,445	526	5,213	1,915	508	13,521	402	1,130	128	------	102
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	7,551	213	1,329	417	221	5,078	82	129	93	------	39
TEACHING	8,171	5,683	78	58	30	96	8	157	36	------	25
PRODUCTION AND INSPECTION	12,094	132	850	420	140	10,084	215	145	59	------	49
CONSULTING	2,284	77	126	105	155	1,144	597	36	25	------	19
EXPLORATION, FORECASTING, AND REPORTING	8,043	192	1,431	351	189	4,269	800	748	39	------	24
OTHER	3,917	560	764	356	127	1,448	101	475	56	------	30
NOT EMPLOYED	5,278	------	------	------	------	------	------	------	------	5,278	------
NO REPORT	4,182	437	301	121	61	1,114	165	252	40	------	1,691
CHEMISTRY	43,127	5,886	2,588	726	739	26,777	470	919	263	3,423	1,336
RESEARCH AND DEVELOPMENT (A)	13,464	3,371	1,059	125	302	8,223	36	124	74	------	150
BASIC RESEARCH	4,729	3,056	394	57	141	867	8	56	33	------	117
APPLIED RESEARCH	4,357	285	528	56	142	3,248	17	36	21	------	24
MANAGEMENT OR ADMINISTRATION (B)	9,056	88	584	155	144	7,569	94	321	56	------	45
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,782	37	319	24	66	3,234	21	41	20	------	20
TEACHING	1,878	1,710	19	17	13	28	2	64	14	------	11
PRODUCTION AND INSPECTION	10,518	107	647	318	117	9,009	99	125	53	------	43
CONSULTING	570	8	20	15	13	338	149	10	10	------	7
EXPLORATION, FORECASTING, AND REPORTING	440	17	66	10	65	251	8	13	9	------	1
OTHER	1,520	318	132	56	55	718	49	149	28	------	15
NOT EMPLOYED	3,423	------	------	------	------	------	------	------	------	3,423	------
NO REPORT	2,258	267	61	30	30	641	33	113	19	------	1,064
EARTH & MARINE SCIENCES	10,893	1,021	1,372	572	56	5,596	1,333	217	33	495	198
RESEARCH AND DEVELOPMENT (A)	1,038	299	385	58	14	243	15	12	9	------	3
BASIC RESEARCH	477	226	155	32	4	36	8	6	8	------	2
APPLIED RESEARCH	556	73	230	26	10	203	6	6	1	------	1
MANAGEMENT OR ADMINISTRATION (B)	2,052	44	372	143	20	1,289	91	76	8	------	9
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	442	19	135	29	3	216	22	10	5	------	3
TEACHING	612	583	3	5	1	9	------	9	2	------	------
PRODUCTION AND INSPECTION	1,034	10	108	73	1	728	104	2	3	------	5
CONSULTING	425	------	13	13	3	124	269	2	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	4,310	22	348	213	14	2,920	754	21	6	------	12
OTHER	376	29	97	52	3	123	11	57	3	------	1
NOT EMPLOYED	495	------	------	------	------	------	------	------	------	495	------
NO REPORT	551	34	46	15	------	160	89	38	2	------	167
ATMOSPHERIC & SPACE SCIENCES	3,168	173	1,130	48	31	264	16	1,410	15	56	25
RESEARCH AND DEVELOPMENT (A)	346	110	120	14	19	40	1	37	3	------	2
BASIC RESEARCH	136	73	28	9	5	3	------	15	2	------	1
APPLIED RESEARCH	209	37	92	5	14	37	1	21	1	------	1
MANAGEMENT OR ADMINISTRATION (B)	837	9	293	13	7	68	3	439	3	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	140	6	72	5	5	23	1	28	------	------	------
TEACHING	77	29	5	2	------	6	------	35	------	------	------
PRODUCTION AND INSPECTION	49	------	15	3	------	18	2	10	1	------	------
CONSULTING	39	1	12	------	1	6	5	13	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	1,385	7	573	10	3	97	4	683	4	------	4
OTHER	274	13	86	5	1	20	1	146	1	------	1
NOT EMPLOYED	56	------	------	------	------	------	------	------	------	56	------
NO REPORT	105	4	26	1	------	9	------	47	3	------	15

APPENDIX TABLE A-9D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
PHYSICS	7,239	2,166	1,296	24	145	2,688	73	194	9	382	262
RESEARCH AND DEVELOPMENT (A)	3,640	1,100	794	9	88	1,565	15	45	3	------	21
BASIC RESEARCH	1,295	907	210	2	21	129	1	9	2	------	14
APPLIED RESEARCH	1,600	152	493	7	59	845	9	30	------	------	5
MANAGEMENT OR ADMINISTRATION (B)	1,270	82	333	5	34	702	19	90	2	------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	809	45	271	------	24	437	9	19	1	------	3
TEACHING	917	874	6	------	------	11	2	20	2	------	2
PRODUCTION AND INSPECTION	118	5	12	1	1	93	4	2	------	------	------
CONSULTING	93	8	8	------	3	50	24	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	288	42	79	1	11	142	4	8	1	------	------
OTHER	151	16	36	8	3	63	------	23	------	------	2
NOT EMPLOYED	382	------	------	------	------	------	------	------	------	382	------
NO REPORT	380	39	28	------	5	62	5	6	1	------	234
MATHEMATICS	5,147	821	517	92	179	3,078	96	111	58	153	42
RESEARCH AND DEVELOPMENT (A)	934	86	185	12	69	564	6	5	6	------	1
BASIC RESEARCH	100	43	21	2	5	25	1	3	------	------	------
APPLIED RESEARCH	627	34	145	6	47	385	2	2	5	------	1
MANAGEMENT OR ADMINISTRATION (B)	2,023	74	189	42	70	1,546	10	63	21	------	8
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	787	25	108	10	41	579	4	9	8	------	3
TEACHING	643	589	8	3	3	22	2	7	6	------	3
PRODUCTION AND INSPECTION	109	2	12	4	4	82	1	4	------	------	------
CONSULTING	428	8	7	4	5	335	53	------	10	------	6
EXPLORATION, FORECASTING, AND REPORTING	404	20	61	15	17	265	14	5	4	------	3
OTHER	248	14	40	9	8	145	3	23	6	------	------
NOT EMPLOYED	153	------	------	------	------	------	------	------	------	153	------
NO REPORT	205	28	15	3	3	119	7	4	5	------	21
COMPUTER SCIENCES	3,513	272	297	67	267	2,402	23	48	34	85	18
RESEARCH AND DEVELOPMENT (A)	1,290	111	98	18	131	897	4	10	14	------	7
BASIC RESEARCH	44	14	7	------	6	15	------	1	1	------	------
APPLIED RESEARCH	665	51	63	14	76	438	2	6	9	------	6
MANAGEMENT OR ADMINISTRATION (B)	749	45	73	14	51	542	2	14	5	------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	374	18	35	5	25	281	1	5	2	------	2
TEACHING	40	25	2	------	------	11	------	1	1	------	------
PRODUCTION AND INSPECTION	56	3	5	1	10	36	------	------	1	------	------
CONSULTING	254	10	6	6	16	201	14	1	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	715	58	78	25	46	480	2	13	11	------	2
OTHER	233	15	22	1	11	174	1	7	1	------	1
NOT EMPLOYED	85	------	------	------	------	------	------	------	------	85	------
NO REPORT	91	5	13	2	2	61	------	2	1	------	5
AGRICULTURAL SCIENCES	6,880	333	3,244	1,504	60	1,291	163	126	33	89	37
RESEARCH AND DEVELOPMENT (A)	704	148	313	153	2	69	3	6	7	------	3
BASIC RESEARCH	190	51	81	48	------	4	------	1	4	------	1
APPLIED RESEARCH	512	97	231	105	1	65	3	5	3	------	2
MANAGEMENT OR ADMINISTRATION (B)	4,988	53	2,507	1,139	35	1,063	110	51	13	------	17
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	538	17	179	234	5	84	10	4	3	------	2
TEACHING	147	95	19	14	4	4	1	7	2	------	1
PRODUCTION AND INSPECTION	65	2	22	13	------	26	1	1	------	------	------
CONSULTING	37	------	11	8	1	10	7	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	134	2	94	20	5	8	2	2	------	------	1
OTHER	521	27	208	118	11	86	22	38	8	------	3
NOT EMPLOYED	89	------	------	------	------	------	------	------	------	89	------
NO REPORT	195	6	70	39	2	25	17	21	3	------	12

APPENDIX TABLE A-9D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES	6,363	2,304	1,152	650	304	1,080	149	157	48	344	175
RESEARCH AND DEVELOPMENT (A)	1,681	733	311	141	80	341	8	22	11	-------	34
BASIC RESEARCH	963	596	147	56	47	69	3	12	7	-------	26
APPLIED RESEARCH	713	136	163	85	33	270	4	10	4	-------	8
MANAGEMENT OR ADMINISTRATION (B)	1,777	80	619	320	82	527	62	62	14	-------	11
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	390	23	105	65	22	145	13	11	2	-------	4
TEACHING	1,405	1,348	9	11	9	3	1	12	8	-------	4
PRODUCTION AND INSPECTION	65	2	14	5	3	38	1	-------	1	-------	1
CONSULTING	269	16	23	37	93	34	50	10	3	-------	3
EXPLORATION, FORECASTING, AND REPORTING	88	7	34	15	4	19	6	1	1	-------	1
OTHER	452	77	114	94	23	93	12	29	8	-------	2
NOT EMPLOYED	344	-------	-------	-------	-------	-------	-------	-------	-------	344	-------
NO REPORT	282	41	28	27	10	25	9	21	2	-------	119
PSYCHOLOGY	248	102	14	36	33	27	13	3	2	15	3
RESEARCH AND DEVELOPMENT (A)	64	33	4	10	3	10	1	3	-------	-------	-------
BASIC RESEARCH	15	13	1	1	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	46	19	3	9	3	8	1	3	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	45	11	4	8	11	10	-------	-------	1	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17	4	2	1	4	5	-------	-------	1	-------	-------
TEACHING	38	36	-------	1	-------	1	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	67	20	4	16	14	4	9	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	4	-------	1	1	-------	-------	2	-------	-------	-------	-------
OTHER	7	1	1	-------	3	2	-------	-------	-------	-------	-------
NOT EMPLOYED	15	-------	-------	-------	-------	-------	-------	-------	-------	15	-------
NO REPORT	8	1	-------	-------	2	-------	1	-------	1	-------	3
STATISTICS	531	25	238	61	28	147	3	3	6	16	4
RESEARCH AND DEVELOPMENT (A)	122	9	50	9	8	42	2	-------	1	-------	1
BASIC RESEARCH	18	4	9	2	-------	3	-------	-------	-------	-------	-------
APPLIED RESEARCH	99	4	40	7	8	36	2	-------	1	-------	1
MANAGEMENT OR ADMINISTRATION (B)	168	2	89	26	7	39	-------	1	3	-------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	75	1	41	13	5	15	-------	-------	-------	-------	-------
TEACHING	11	9	1	-------	-------	-------	-------	-------	-------	-------	1
PRODUCTION AND INSPECTION	34	-------	12	1	1	20	-------	-------	-------	-------	-------
CONSULTING	32	3	15	1	1	12	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	117	2	51	22	9	30	-------	2	1	-------	-------
OTHER	18	-------	13	1	-------	4	-------	-------	-------	-------	-------
NOT EMPLOYED	16	-------	-------	-------	-------	-------	-------	-------	-------	16	-------
NO REPORT	13	-------	7	1	2	-------	1	-------	1	-------	1
ECONOMICS	1,027	237	242	80	46	332	35	13	4	28	10
RESEARCH AND DEVELOPMENT (A)	206	51	70	22	12	44	4	2	-------	-------	1
BASIC RESEARCH	55	23	15	8	2	7	-------	-------	-------	-------	-------
APPLIED RESEARCH	137	28	48	13	9	32	4	2	-------	-------	1
MANAGEMENT OR ADMINISTRATION (B)	361	15	117	32	23	152	10	8	1	-------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	148	4	50	25	10	55	1	-------	1	-------	2
TEACHING	158	153	1	1	-------	1	-------	1	-------	-------	1
PRODUCTION AND INSPECTION	46	1	3	1	3	34	3	1	-------	-------	-------
CONSULTING	57	2	6	2	4	30	11	-------	2	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	108	5	34	14	1	51	3	-------	-------	-------	-------
OTHER	37	7	7	5	1	14	1	1	1	-------	-------
NOT EMPLOYED	28	-------	-------	-------	-------	-------	-------	-------	-------	28	-------
NO REPORT	26	3	4	3	2	6	3	-------	-------	-------	5

APPENDIX TABLE A-9D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	698	333	42	43	35	28	2	4	9	158	44
RESEARCH AND DEVELOPMENT (A)	178	110	19	14	15	10	1	2	4	-------	3
BASIC RESEARCH	98	80	5	5	2	1	-------	-------	2	-------	3
APPLIED RESEARCH	80	30	14	9	13	9	1	2	2	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	63	13	13	13	12	9	-------	2	1	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	27	8	4	5	6	3	-------	1	-------	-------	-------
TEACHING	163	156	3	3	-------	-------	-------	-------	1	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	4	1	-------	2	1	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	20	5	4	4	3	2	1	-------	1	-------	-------
OTHER	63	42	2	7	4	4	-------	-------	-------	-------	4
NOT EMPLOYED	158	-------	-------	-------	-------	-------	-------	-------	-------	158	-------
NO REPORT	49	6	1	-------	-------	3	-------	-------	2	-------	37
POLITICAL SCIENCE	157	70	32	9	17	11	6	4	-------	5	3
RESEARCH AND DEVELOPMENT (A)	18	7	2	2	4	3	-------	-------	-------	-------	-------
BASIC RESEARCH	10	7	-------	-------	1	2	-------	-------	-------	-------	-------
APPLIED RESEARCH	8	-------	2	2	3	1	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	43	7	17	5	9	3	-------	2	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19	4	8	1	4	1	-------	1	-------	-------	-------
TEACHING	56	54	-------	-------	-------	-------	-------	1	-------	-------	1
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	8	-------	1	1	-------	-------	5	-------	-------	-------	1
EXPLORATION, FORECASTING, AND REPORTING	10	1	6	1	1	1	-------	-------	-------	-------	-------
OTHER	13	1	5	-------	2	2	1	1	-------	-------	1
NOT EMPLOYED	5	-------	-------	-------	-------	-------	-------	-------	-------	5	-------
NO REPORT	4	-------	1	-------	1	2	-------	-------	-------	-------	-------
ANTHROPOLOGY	16	4	2	-------	1	1	2	-------	1	5	-------
RESEARCH AND DEVELOPMENT (A)	5	1	1	-------	1	1	1	-------	-------	-------	-------
BASIC RESEARCH	4	-------	1	-------	1	1	1	-------	-------	-------	-------
APPLIED RESEARCH	1	1	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	1	-------	-------	-------	-------	-------	1	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	3	3	-------	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	2	-------	1	-------	-------	-------	-------	-------	1	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NOT EMPLOYED	5	-------	-------	-------	-------	-------	-------	-------	-------	5	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	134	43	8	1	35	7	2	2	2	24	10
RESEARCH AND DEVELOPMENT (A)	37	14	-------	-------	18	1	1	-------	2	-------	1
BASIC RESEARCH	19	9	-------	-------	8	-------	1	-------	-------	-------	1
APPLIED RESEARCH	18	5	-------	-------	10	1	-------	-------	2	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	12	3	3	-------	3	2	-------	1	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3	2	-------	-------	1	-------	-------	-------	-------	-------	-------
TEACHING	23	19	2	1	-------	-------	-------	-------	-------	-------	1
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	1	-------	-------	-------	-------	-------	1	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	18	4	1	-------	10	3	-------	-------	-------	-------	-------
OTHER	4	-------	1	-------	2	-------	-------	1	-------	-------	-------
NOT EMPLOYED	24	-------	-------	-------	-------	-------	-------	-------	-------	24	-------
NO REPORT	15	3	1	-------	2	1	-------	-------	-------	-------	8

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-10. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	297,942	117,746	29,666	10,031	11,204	95,776	6,462	7,155	1,729	12,707	5,466
1 OR LESS	11,312	5,622	649	281	355	2,602	30	789	56	716	212
2 TO 4	44,308	22,698	3,061	1,518	1,455	10,862	174	1,928	238	1,815	559
5 TO 9	55,645	24,842	5,836	2,031	2,201	17,055	505	1,239	294	1,203	439
10 TO 14	42,590	16,945	4,805	1,677	1,890	14,722	853	753	235	450	260
15 TO 19	39,352	12,935	4,719	1,566	1,712	15,803	1,314	594	217	245	247
20 TO 24	22,729	8,200	2,806	762	995	8,366	806	345	146	146	157
25 TO 29	17,030	5,389	2,492	559	648	6,869	521	237	94	127	94
30 TO 34	12,294	4,290	1,677	420	413	4,579	501	51	81	192	90
35 TO 39	6,458	2,584	755	237	243	1,907	313	15	42	298	64
40 OR MORE	5,422	2,137	379	157	189	963	494	2	55	969	77
NO REPORT	40,802	12,104	2,487	823	1,103	12,048	951	1,202	271	6,546	3,267
CHEMISTRY	93,788	20,510	5,247	1,221	2,121	53,291	1,069	1,442	539	6,180	2,168
1 OR LESS	4,705	1,875	153	46	114	1,900	9	266	29	254	59
2 TO 4	12,588	4,570	440	171	274	6,006	28	440	75	468	116
5 TO 9	12,830	3,358	793	187	341	7,506	61	169	72	264	79
10 TO 14	9,789	1,906	704	132	253	6,490	68	53	40	92	51
15 TO 19	10,917	1,465	742	165	286	7,928	115	32	59	69	56
20 TO 24	6,830	997	533	86	200	4,787	91	19	43	43	31
25 TO 29	6,640	810	516	96	134	4,846	111	14	30	60	23
30 TO 34	4,408	596	293	72	77	3,130	101	4	22	93	20
35 TO 39	2,147	366	130	40	54	1,282	73	1	12	178	11
40 OR MORE	1,930	359	73	31	32	639	151	------	17	606	22
NO REPORT	21,004	4,208	870	195	356	8,777	261	444	140	4,053	1,700
EARTH & MARINE SCIENCES	23,746	5,890	2,982	1,064	249	9,809	2,019	373	92	882	386
1 OR LESS	848	357	89	43	7	187	6	61	------	80	18
2 TO 4	2,588	1,194	270	129	30	698	13	70	15	125	44
5 TO 9	3,425	1,230	460	227	38	1,234	75	53	13	62	33
10 TO 14	3,505	718	420	219	37	1,772	243	18	14	51	13
15 TO 19	4,196	552	559	182	31	2,309	489	21	10	32	11
20 TO 24	1,827	329	274	44	24	864	263	3	7	13	6
25 TO 29	1,048	234	192	32	13	408	137	10	8	11	3
30 TO 34	907	150	148	29	8	458	151	------	5	14	4
35 TO 39	438	108	62	6	6	155	74	------	1	23	3
40 OR MORE	463	98	52	10	9	85	147	------	4	53	5
NO REPORT	4,441	920	456	143	46	1,639	421	137	15	418	246
ATMOSPHERIC & SPACE SCIENCES	5,745	757	1,857	72	114	537	36	2,184	26	107	55
1 OR LESS	302	56	37	------	4	9	------	183	------	9	4
2 TO 4	852	142	123	11	6	39	2	502	------	21	6
5 TO 9	796	104	232	11	17	61	2	351	2	9	7
10 TO 14	772	80	227	6	16	79	2	347	4	3	8
15 TO 19	660	75	206	12	22	63	3	266	4	6	3
20 TO 24	585	54	256	8	15	75	4	156	6	10	1
25 TO 29	678	80	346	10	18	99	5	108	3	6	3
30 TO 34	175	28	102	1	1	31	5	2	3	2	------
35 TO 39	74	7	48	2	1	8	3	1	------	3	1
40 OR MORE	33	10	13	1	------	1	3	------	1	4	------
NO REPORT	818	121	267	10	14	72	7	268	3	34	22
PHYSICS	32,491	15,522	3,717	86	882	9,436	249	603	41	1,132	823
1 OR LESS	1,509	896	87	4	35	254	4	54	4	116	55
2 TO 4	6,464	3,723	538	17	118	1,507	13	200	8	234	106
5 TO 9	7,742	3,752	994	24	187	2,422	26	156	10	114	57
10 TO 14	4,831	2,209	605	7	157	1,693	25	66	8	47	14
15 TO 19	4,026	1,582	605	12	162	1,539	45	50	1	20	10
20 TO 24	2,005	846	285	7	71	738	26	16	2	8	6
25 TO 29	1,632	672	281	4	69	561	29	6	1	7	2
30 TO 34	977	491	129	3	36	274	26	3	2	12	1
35 TO 39	584	301	72	1	16	152	20	1	1	17	3
40 OR MORE	492	269	43	5	16	68	29	------	------	59	3
NO REPORT	2,229	781	78	2	15	228	6	51	4	498	566
MATHEMATICS	24,477	12,837	1,354	308	681	7,289	222	481	219	786	300
1 OR LESS	259	197	8	4	8	25	------	4	2	7	4
2 TO 4	4,126	2,699	121	31	83	671	8	133	35	264	81
5 TO 9	6,562	3,584	312	68	118	1,971	32	146	53	224	54
10 TO 14	4,474	2,004	269	62	152	1,696	58	88	43	63	39
15 TO 19	3,197	1,318	233	49	130	1,312	37	39	32	21	26
20 TO 24	1,719	812	124	19	68	606	24	26	12	8	20
25 TO 29	1,076	521	117	13	47	307	15	13	13	11	13
30 TO 34	804	456	65	21	18	201	7	3	9	8	16
35 TO 39	514	330	21	13	9	107	7	------	4	14	9
40 OR MORE	449	293	12	11	6	53	15	------	5	45	9
NO REPORT	1,303	623	72	17	42	340	19	29	11	121	29

APPENDIX TABLE A-10. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
COMPUTER SCIENCES	6,972	921	516	102	475	4,513	45	141	62	147	50
1 OR LESS	15	11	------	------	------	3	------	------	------	1	------
2 TO 4	1,002	216	53	17	39	575	4	56	6	26	10
5 TO 9	2,717	339	197	34	188	1,780	19	42	27	70	21
10 TO 14	1,634	188	116	28	127	1,119	11	13	9	17	6
15 TO 19	819	85	77	7	66	541	6	15	8	9	5
20 TO 24	251	24	21	1	17	169	3	5	7	1	3
25 TO 29	100	15	16	4	10	52	------	3	------	------	------
30 TO 34	46	4	8	2	2	27	1	------	------	1	1
35 TO 39	16	2	4	------	2	6	------	------	------	2	------
40 OR MORE	10	1	1	1	------	6	------	------	------	1	------
NO REPORT	362	36	23	8	24	235	1	7	5	19	4
AGRICULTURAL SCIENCES	12,740	2,933	4,785	2,104	148	2,016	250	184	68	175	77
1 OR LESS	384	119	81	44	8	37	5	61	1	24	4
2 TO 4	1,816	426	541	396	19	297	20	65	9	31	12
5 TO 9	2,645	482	1,213	477	21	369	42	12	11	13	5
10 TO 14	2,120	433	923	368	18	315	30	1	11	12	9
15 TO 19	2,182	477	791	369	22	444	46	1	12	9	11
20 TO 24	1,174	335	381	184	18	211	31	1	10	------	3
25 TO 29	665	188	250	86	11	108	13	------	3	2	4
30 TO 34	734	188	328	66	13	100	25	------	3	5	6
35 TO 39	315	89	131	37	6	27	15	------	3	4	3
40 OR MORE	144	56	25	15	6	20	10	------	3	8	1
NO REPORT	561	140	121	62	6	88	13	43	2	67	19
BIOLOGICAL SCIENCES	46,183	27,141	5,080	2,020	2,893	4,521	838	1,227	255	1,268	940
1 OR LESS	1,587	937	123	66	95	107	3	115	6	93	42
2 TO 4	6,826	4,377	551	271	343	527	27	281	48	305	96
5 TO 9	8,819	5,562	919	344	486	832	73	233	46	214	110
10 TO 14	7,497	4,614	925	321	491	760	88	128	32	63	75
15 TO 19	6,218	3,441	815	293	413	861	153	112	28	25	77
20 TO 24	3,957	2,207	494	184	294	463	125	92	22	20	56
25 TO 29	2,676	1,481	360	163	186	284	86	59	15	15	27
30 TO 34	2,065	1,123	327	113	135	207	71	30	11	18	30
35 TO 39	1,291	708	191	82	88	103	60	11	13	14	21
40 OR MORE	867	520	98	45	64	42	41	1	10	21	25
NO REPORT	4,380	2,171	277	138	298	335	111	165	24	480	381
PSYCHOLOGY	23,077	12,810	1,443	1,977	2,318	1,747	1,402	256	176	740	204
1 OR LESS	567	352	29	43	48	37	------	19	5	30	4
2 TO 4	3,148	1,901	142	291	367	205	39	83	12	79	29
5 TO 9	4,790	2,794	253	464	562	365	146	49	29	95	33
10 TO 14	4,346	2,445	281	384	454	352	292	21	37	57	23
15 TO 19	3,927	1,990	289	345	392	388	388	41	31	28	35
20 TO 24	1,982	1,077	158	131	176	186	195	15	13	20	11
25 TO 29	1,122	625	128	85	93	61	104	4	8	9	5
30 TO 34	854	517	61	50	52	50	84	5	9	20	6
35 TO 39	472	276	33	38	31	18	44	------	2	25	5
40 OR MORE	433	201	15	24	28	16	55	1	7	84	2
NO REPORT	1,436	632	54	122	115	69	55	18	23	297	51
STATISTICS	2,639	889	588	149	132	692	21	36	24	71	37
1 OR LESS	34	20	------	1	4	8	------	1	------	------	------
2 TO 4	411	207	31	11	11	96	1	21	3	19	11
5 TO 9	636	241	102	32	32	190	2	6	5	19	7
10 TO 14	400	124	75	20	21	142	3	2	4	6	3
15 TO 19	385	104	113	22	26	107	1	1	6	3	2
20 TO 24	248	64	71	22	18	59	4	1	2	4	3
25 TO 29	197	43	97	10	9	29	3	1	1	1	3
30 TO 34	137	30	56	20	4	19	2	------	3	3	------
35 TO 39	52	23	13	4	------	6	1	------	------	3	2
40 OR MORE	29	6	8	4	1	2	2	------	------	6	------
NO REPORT	110	27	22	3	6	34	2	3	------	7	6
ECONOMICS	11,510	6,681	1,417	517	505	1,636	186	97	41	315	115
1 OR LESS	284	187	15	8	11	22	1	11	1	20	8
2 TO 4	1,739	1,125	154	78	66	199	6	37	4	54	16
5 TO 9	2,125	1,331	250	100	87	278	17	8	5	36	13
10 TO 14	1,548	909	179	71	76	264	17	9	8	11	4
15 TO 19	1,459	800	199	70	69	280	19	5	6	8	3
20 TO 24	1,221	721	156	53	55	189	25	5	5	6	6
25 TO 29	676	344	140	40	33	97	11	5	1	------	5
30 TO 34	616	336	119	27	26	73	18	------	4	9	4
35 TO 39	277	156	40	12	17	35	12	------	------	4	1
40 OR MORE	314	161	28	8	21	26	33	------	2	32	3
NO REPORT	1,251	611	137	50	44	173	27	17	5	135	52

APPENDIX TABLE A-10. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	6,638	4,827	240	232	343	121	53	32	60	533	197
1 OR LESS	364	266	15	11	9	7	-------	4	2	41	9
2 TO 4	1,266	955	34	62	51	19	5	10	8	106	16
5 TO 9	1,079	861	31	39	69	20	4	3	10	34	8
10 TO 14	663	523	29	33	33	14	4	3	5	12	7
15 TO 19	583	449	30	25	44	10	7	4	6	6	2
20 TO 24	396	307	22	11	17	9	7	1	4	9	9
25 TO 29	197	153	16	5	10	7	2	-------	3	-------	1
30 TO 34	177	131	11	7	16	2	5	-------	1	3	1
35 TO 39	104	79	4	1	9	4	1	-------	2	3	1
40 OR MORE	92	64	4	1	3	1	4	-------	-------	12	3
NO REPORT	1,717	1,039	44	37	82	28	14	7	19	307	140
POLITICAL SCIENCE	5,176	3,921	348	150	200	116	50	95	34	213	49
1 OR LESS	387	301	11	11	8	6	2	9	3	33	3
2 TO 4	1,121	872	56	31	29	17	7	30	7	60	12
5 TO 9	960	777	66	19	28	21	5	11	2	25	6
10 TO 14	582	448	42	20	24	14	10	4	7	9	4
15 TO 19	468	358	39	12	29	13	2	7	2	4	2
20 TO 24	347	267	25	11	20	8	6	5	4	-------	1
25 TO 29	225	143	28	10	10	7	4	14	3	3	3
30 TO 34	218	148	24	9	20	7	2	4	1	2	1
35 TO 39	97	80	3	-------	4	3	-------	1	-------	4	2
40 OR MORE	102	55	5	1	3	2	2	-------	1	30	3
NO REPORT	669	472	49	26	25	18	10	10	4	43	12
ANTHROPOLOGY	1,219	986	34	14	25	11	12	-------	77	44	16
1 OR LESS	22	18	-------	-------	-------	-------	-------	-------	3	1	-------
2 TO 4	150	134	2	1	3	-------	-------	-------	6	3	1
5 TO 9	242	218	6	4	3	-------	-------	-------	6	3	2
10 TO 14	185	155	1	3	5	5	-------	-------	12	2	2
15 TO 19	140	113	8	1	4	2	1	-------	8	3	-------
20 TO 24	88	69	2	1	1	2	2	-------	8	3	-------
25 TO 29	47	38	2	-------	-------	-------	1	-------	5	1	-------
30 TO 34	52	35	3	-------	3	-------	3	-------	7	1	-------
35 TO 39	26	15	1	-------	-------	-------	2	-------	4	4	-------
40 OR MORE	27	14	2	-------	-------	1	1	-------	4	5	-------
NO REPORT	240	177	7	4	6	1	2	-------	14	18	11
LINGUISTICS	1,541	1,121	58	15	118	41	10	4	15	110	49
1 OR LESS	45	30	1	-------	4	-------	-------	1	-------	7	2
2 TO 4	211	157	5	1	16	6	1	-------	2	20	3
5 TO 9	277	209	8	1	24	6	1	-------	3	21	4
10 TO 14	244	189	9	3	26	7	2	-------	1	5	2
15 TO 19	175	126	13	2	16	6	2	-------	4	2	4
20 TO 24	99	91	4	-------	1	-------	-------	-------	1	1	1
25 TO 29	57	42	3	1	5	3	-------	-------	-------	1	2
30 TO 34	64	57	3	-------	2	-------	-------	-------	1	1	-------
35 TO 39	51	44	2	1	-------	1	1	-------	-------	-------	2
40 OR MORE	37	30	-------	-------	-------	1	1	-------	1	3	1
NO REPORT	281	146	10	6	24	11	2	3	2	49	28

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-11. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND PRIMARY WORK ACTIVITY, 1968

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL FIELDS	297,942	96,036	46,177	38,841	52,870	28,568	62,087	16,847	12,334	14,365	8,416	12,707	12,280
24 AND UNDER	9,759	3,284	2,103	726	315	50	1,560	841	53	297	642	1,652	1,115
25-29	51,661	22,527	13,022	6,861	3,775	1,101	9,922	3,186	1,415	2,391	1,899	3,624	2,922
30-34	51,751	20,881	10,545	8,078	7,011	2,927	12,152	2,656	1,878	2,425	1,471	1,731	1,546
35-39	47,199	16,441	7,556	7,124	9,955	4,765	10,609	2,272	2,022	2,587	1,163	773	1,377
40-44	43,162	12,354	5,248	5,691	12,329	5,854	8,502	2,413	2,067	2,568	1,000	552	1,377
45-49	35,336	8,964	3,403	4,453	11,681	5,751	6,833	2,117	1,651	1,724	822	369	1,175
50-54	24,439	5,357	1,887	2,779	8,541	3,987	4,819	1,589	1,214	1,090	619	280	930
55-59	15,971	3,162	1,109	1,668	5,346	2,385	3,475	1,058	859	655	427	261	728
60-64	9,919	1,787	664	923	2,817	1,275	2,559	516	594	383	234	534	495
65-69	4,748	684	331	300	756	316	1,156	113	311	123	71	1,226	308
70 AND OVER	3,050	296	161	126	183	87	306	28	219	87	45	1,652	234
NO REPORT	947	299	148	112	161	70	194	58	91	35	23	53	73
CHEMISTRY	93,788	33,492	14,281	11,819	20,908	11,498	9,762	14,318	1,315	823	2,726	6,180	4,264
24 AND UNDER	6,563	2,285	1,477	403	153	23	856	806	15	50	407	1,172	819
25-29	17,413	8,845	5,067	2,096	842	282	1,722	2,803	131	144	612	1,264	1,050
30-34	13,530	6,280	2,765	2,224	1,702	932	1,846	2,163	117	108	402	526	386
35-39	11,793	4,340	1,879	1,909	2,729	1,717	1,432	1,793	116	88	264	209	302
40-44	11,889	3,737	1,180	1,681	3,948	2,276	1,023	1,949	160	105	304	158	385
45-49	11,417	3,163	894	1,468	4,492	2,549	974	1,805	175	103	257	114	334
50-54	8,588	2,091	526	1,008	3,533	1,877	658	1,403	161	93	222	110	317
55-59	5,456	1,156	245	595	2,108	1,104	519	950	140	56	146	132	249
60-64	3,370	625	154	313	1,059	565	439	477	116	46	73	346	189
65-69	1,845	163	58	71	227	110	211	100	108	11	19	904	102
70 AND OVER	1,624	57	30	20	67	34	62	23	71	14	10	1,219	101
NO REPORT	300	110	46	31	48	29	20	46	5	5	10	26	30
EARTH & MARINE SCIENCES	23,746	3,737	2,075	1,652	3,935	1,223	4,034	1,554	734	7,134	618	882	1,118
24 AND UNDER	746	111	76	35	36	3	194	22	2	86	51	144	100
25-29	2,762	661	435	224	111	31	645	179	21	542	113	266	224
30-34	3,569	822	471	349	288	96	830	253	58	1,000	92	108	118
35-39	4,326	702	366	335	660	195	751	321	113	1,455	102	73	149
40-44	4,514	508	252	254	935	276	510	335	132	1,782	106	59	147
45-49	3,155	379	186	193	751	255	391	227	112	1,069	61	41	124
50-54	1,938	249	111	135	505	163	291	111	92	546	41	24	79
55-59	1,247	149	85	64	352	118	172	65	67	334	30	22	56
60-64	820	85	45	40	210	57	154	21	62	194	14	39	41
65-69	356	36	26	10	53	21	70	8	36	67	4	46	36
70 AND OVER	240	25	16	9	23	7	10	4	38	40	3	58	39
NO REPORT	73	10	6	4	11	1	16	8	1	19	1	2	5
ATMOSPHERIC & SPACE SCIENCES	5,745	1,079	497	581	1,310	389	293	66	89	1,970	406	107	225
24 AND UNDER	196	52	34	17	3	1	5	------	------	87	24	13	12
25-29	1,164	245	134	111	130	14	30	7	10	549	114	37	42
30-34	799	217	94	123	143	25	49	11	10	277	57	8	27
35-39	972	194	86	108	247	66	57	14	19	308	94	8	31
40-44	639	132	61	71	233	59	29	7	8	171	29	6	24
45-49	893	132	53	79	370	105	48	13	18	216	51	13	32
50-54	657	72	19	53	247	84	45	6	12	215	19	11	30
55-59	269	23	8	15	91	28	20	5	7	96	11	3	13
60-64	115	8	4	4	39	6	4	2	2	44	5	2	9
65-69	25	2	2	------	7	1	5	1	2	3	------	3	2
70 AND OVER	9	1	1	------	------	------	1	------	1	------	2	3	1
NO REPORT	7	1	1	------	------	------	------	------	------	4	------	------	2
PHYSICS	32,491	16,380	8,939	5,832	5,123	3,679	6,899	183	363	577	336	1,132	1,498
24 AND UNDER	564	246	174	55	5	2	119	1	1	16	8	97	71
25-29	7,950	4,815	3,039	1,327	265	131	1,228	52	41	238	93	556	662
30-34	7,431	4,439	2,451	1,564	683	485	1,537	56	49	146	68	187	266
35-39	5,329	2,849	1,462	1,101	869	660	1,194	26	56	57	56	63	159
40-44	4,230	1,790	866	747	1,161	870	962	22	48	46	41	53	107
45-49	2,994	1,098	491	486	991	734	681	11	49	22	20	28	88
50-54	1,615	540	200	280	547	408	385	6	41	20	13	14	49
55-59	1,070	286	113	135	327	228	341	4	33	17	10	12	40
60-64	748	182	71	89	189	111	274	4	18	10	11	29	31
65-69	388	73	38	25	68	34	136	------	20	4	6	67	14
70 AND OVER	91	27	16	9	7	6	26	------	7	------	4	18	2
NO REPORT	81	35	18	14	11	10	16	1	------	1	------	8	9
MATHEMATICS	24,477	5,147	2,014	2,556	5,122	2,145	9,491	184	1,065	926	745	786	1,011
24 AND UNDER	277	83	40	34	9	4	111	1	6	14	23	19	11
25-29	5,267	1,487	752	587	358	144	2,212	44	208	241	217	280	220
30-34	5,541	1,309	539	633	911	376	2,217	46	262	226	182	214	174
35-39	4,317	882	266	491	1,162	522	1,481	27	201	172	123	90	179
40-44	3,413	628	189	360	1,085	478	1,135	28	156	126	78	46	131
45-49	2,085	341	88	213	705	309	718	12	96	57	50	24	82
50-54	1,434	192	55	112	416	157	591	16	59	33	38	17	72
55-59	1,031	136	42	87	275	108	448	5	34	25	21	12	75
60-64	679	52	22	25	147	36	373	1	26	23	9	18	30
65-69	311	24	12	10	42	7	157	3	13	3	4	42	23
70 AND OVER	94	4	4	------	5	------	37	1	4	6	------	24	13
NO REPORT	28	9	5	4	7	4	11	------	------	------	------	------	1

APPENDIX TABLE A-11. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY											
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
COMPUTER SCIENCES	6,972	2,661	159	1,496	1,555	825	212	88	440	1,231	427	147	211
24 AND UNDER	118	58	8	29	1	1	6	1	4	19	12	12	5
25-29	1,710	786	53	432	158	82	54	16	117	396	104	37	42
30-34	2,121	801	45	423	436	228	60	29	143	372	159	55	66
35-39	1,512	523	27	297	440	235	51	23	96	237	84	20	38
40-44	875	298	18	180	311	170	20	10	47	121	26	10	32
45-49	395	128	3	91	128	68	17	5	16	56	23	7	15
50-54	147	40	4	26	50	21	3	3	12	22	10	1	6
55-59	60	15	1	9	21	13	1	-------	4	7	7	1	4
60-64	18	5	-------	5	2	4	-------	1	1	1	1	1	1
65-69	7	3	-------	2	2	2	-------	-------	-------	-------	-------	1	1
70 AND OVER	3	1	-------	1	-------	-------	-------	-------	-------	-------	-------	2	-------
NO REPORT	6	3	-------	1	1	1	-------	-------	-------	-------	1	-------	1
AGRICULTURAL SCIENCES	12,740	2,984	784	2,195	6,987	1,328	1,000	82	48	216	859	175	389
24 AND UNDER	195	74	37	37	59	3	10	3	1	1	19	21	7
25-29	2,135	541	210	329	1,102	139	103	27	7	37	163	79	76
30-34	2,256	547	163	383	1,229	122	151	22	14	46	168	25	54
35-39	2,106	508	121	387	1,190	213	157	9	5	37	143	6	51
40-44	1,843	398	90	308	1,094	210	135	9	5	27	114	7	54
45-49	1,660	416	79	335	877	247	182	3	9	23	85	8	57
50-54	1,195	217	38	179	710	200	131	4	4	16	74	4	35
55-59	795	153	26	127	464	105	72	5	2	12	52	4	31
60-64	357	77	11	66	191	69	37	-------	-------	7	23	8	14
65-69	112	34	4	30	39	12	12	-------	-------	4	9	6	8
70 AND OVER	37	7	-------	7	9	3	5	-------	1	4	7	3	1
NO REPORT	49	12	5	7	23	5	5	-------	-------	2	2	4	1
BIOLOGICAL SCIENCES	46,183	18,897	13,194	5,690	8,087	3,870	12,484	107	2,021	299	1,176	1,268	1,844
24 AND UNDER	588	246	185	60	26	5	130	4	8	6	47	70	51
25-29	6,615	3,092	2,415	674	376	97	1,607	20	285	45	281	569	340
30-34	7,837	3,980	2,989	989	688	288	2,082	25	310	41	184	290	237
35-39	7,943	3,756	2,545	1,208	1,074	511	2,255	15	308	31	142	109	253
40-44	7,474	2,996	2,013	981	1,572	762	2,063	18	307	42	145	69	262
45-49	5,763	2,076	1,311	763	1,471	777	1,535	7	250	36	124	43	221
50-54	4,168	1,213	744	469	1,248	635	1,110	12	229	31	107	40	178
55-59	2,786	715	459	256	857	398	808	2	148	36	69	24	127
60-64	1,836	451	274	177	531	278	582	1	103	14	52	14	88
65-69	722	202	143	59	172	81	212	1	36	11	14	23	51
70 AND OVER	273	103	66	37	42	26	51	-------	23	6	7	13	28
NO REPORT	178	67	50	17	30	12	49	2	14	-------	4	4	8
PSYCHOLOGY	23,077	5,979	1,722	4,034	4,424	1,471	5,346	7	5,510	91	382	744	594
24 AND UNDER	72	36	11	24	3	-------	15	-------	10	-------	1	7	-------
25-29	2,259	867	310	533	134	63	551	1	500	9	39	97	61
30-34	3,739	1,270	484	744	413	165	1,044	-------	796	13	38	102	63
35-39	4,285	1,191	385	760	808	288	1,036	-------	991	17	71	79	92
40-44	4,403	1,027	271	720	1,111	376	916	2	1,088	16	70	73	100
45-49	3,215	667	129	502	843	289	667	1	832	14	63	46	82
50-54	2,047	380	61	299	515	145	463	-------	536	8	37	31	77
55-59	1,432	283	29	243	345	82	329	3	371	4	28	24	45
60-64	829	145	23	117	176	44	180	-------	224	4	23	47	30
65-69	396	63	12	49	55	13	96	-------	78	1	7	74	22
70 AND OVER	301	30	5	25	9	3	27	-------	53	5	3	160	14
NO REPORT	99	20	2	18	12	3	22	-------	31	-------	2	4	8
STATISTICS	2,639	743	169	542	534	284	482	85	269	286	71	71	98
24 AND UNDER	11	3	1	2	-------	-------	3	2	-------	2	1	-------	-------
25-29	380	133	33	89	16	11	84	9	46	50	9	18	15
30-34	534	179	48	126	45	21	125	17	61	54	16	16	21
35-39	452	129	22	102	86	51	88	17	51	44	9	12	16
40-44	374	98	26	68	108	60	60	10	42	32	11	5	8
45-49	310	73	16	54	105	52	48	9	27	31	6	3	8
50-54	278	64	11	49	85	50	36	10	25	40	7	1	10
55-59	182	37	7	30	59	25	21	9	9	23	8	4	12
60-64	75	18	4	14	19	11	13	2	7	7	4	3	2
65-69	33	6	-------	6	10	3	4	-------	1	3	-------	3	6
70 AND OVER	9	2	1	1	1	-------	-------	-------	-------	-------	-------	6	-------
NO REPORT	1	1	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMICS	11,510	2,377	655	1,609	2,630	1,075	4,496	173	356	515	267	315	381
24 AND UNDER	59	12	6	6	3	1	17	2	2	5	7	7	5
25-29	1,479	458	167	279	123	37	556	28	33	80	40	104	57
30-34	1,917	523	142	366	268	111	811	34	43	92	39	50	57
35-39	1,900	426	100	306	397	183	802	27	48	102	33	23	42
40-44	1,547	283	74	193	443	187	580	23	41	55	37	15	50
45-49	1,679	253	55	179	532	213	650	24	50	70	37	12	51
50-54	1,172	174	44	120	398	151	443	18	27	41	32	10	29
55-59	794	116	31	77	252	109	290	10	32	30	22	10	32
60-64	505	74	16	50	148	57	182	7	27	21	7	8	31
65-69	268	36	11	21	47	19	112	-------	15	11	6	29	12
70 AND OVER	160	15	7	8	13	5	44	-------	18	6	6	45	13
NO REPORT	30	7	2	4	6	2	9	1	-------	2	1	2	2

APPENDIX TABLE A-11. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
SOCIOLOGY	6,638	1,437	893	544	884	405	3,139	-------	33	77	210	533	325
24 AND UNDER	263	59	40	19	5	2	58	-------	1	4	37	74	25
25-29	1,292	347	224	123	68	39	485	-------	5	20	76	201	90
30-34	1,077	290	185	105	91	44	533	-------	4	9	35	85	30
35-39	926	207	137	70	120	68	487	-------	6	9	17	49	31
40-44	899	206	122	84	147	65	452	-------	4	10	13	32	35
45-49	780	135	83	52	178	78	390	-------	4	7	13	18	35
50-54	525	62	33	29	130	56	290	-------	4	5	7	9	18
55-59	368	55	34	21	80	28	195	-------	3	1	8	6	20
60-64	225	28	13	15	39	16	134	-------	1	4	2	7	10
65-69	126	20	7	13	17	4	67	-------	-------	3	-------	10	9
70 AND OVER	105	13	6	7	4	2	23	-------	1	4	2	40	18
NO REPORT	52	15	9	6	5	3	25	-------	-------	1	-------	2	4
POLITICAL SCIENCE	5,176	619	413	169	877	260	2,954	-------	65	126	169	213	153
24 AND UNDER	90	15	10	5	11	5	36	-------	3	5	5	11	4
25-29	974	185	138	37	88	28	524	-------	10	29	37	73	28
30-34	978	133	95	32	100	29	627	-------	7	29	26	35	21
35-39	817	104	71	29	130	38	498	-------	9	18	19	18	21
40-44	596	54	32	19	123	37	353	-------	5	16	20	8	17
45-49	626	55	24	21	162	44	341	-------	9	10	24	5	20
50-54	414	27	12	13	121	31	218	-------	8	11	11	4	14
55-59	298	14	12	2	76	27	167	-------	6	6	15	3	11
60-64	190	12	5	5	45	14	111	-------	5	1	7	5	4
65-69	94	9	7	2	12	6	48	-------	2	-------	2	11	10
70 AND OVER	63	4	4	-------	2	1	14	-------	1	-------	1	39	2
NO REPORT	36	7	3	4	7	-------	17	-------	-------	1	2	1	1
ANTHROPOLOGY	1,219	258	222	36	130	72	683	-------	8	32	4	44	60
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	50	13	12	1	1	1	34	-------	-------	-------	-------	1	1
30-34	152	38	36	2	3	2	105	-------	1	2	-------	1	2
35-39	232	61	55	6	11	7	147	-------	1	6	-------	5	1
40-44	244	49	39	10	29	18	140	-------	1	7	-------	5	13
45-49	179	27	20	7	42	23	97	-------	-------	2	-------	-------	11
50-54	143	23	21	2	20	8	83	-------	2	5	1	3	6
55-59	85	14	11	3	16	7	37	-------	2	6	-------	4	6
60-64	72	16	14	2	6	4	26	-------	1	3	3	5	12
65-69	35	10	9	1	2	2	9	-------	-------	1	-------	7	6
70 AND OVER	21	5	4	1	-------	-------	2	-------	-------	-------	-------	13	1
NO REPORT	6	2	1	1	-------	-------	3	-------	-------	-------	-------	-------	1
LINGUISTICS	1,541	246	160	86	164	44	812	-------	18	62	20	110	109
24 AND UNDER	17	4	4	-------	1	-------	-------	-------	-------	2	-------	5	5
25-29	211	52	33	19	3	2	87	-------	1	11	1	42	14
30-34	270	53	38	15	11	3	135	-------	3	10	5	29	24
35-39	289	49	34	15	32	11	173	-------	2	6	6	9	12
40-44	222	30	15	15	29	10	124	-------	3	12	6	6	12
45-49	185	21	11	10	34	8	94	-------	4	8	2	7	15
50-54	118	13	8	5	16	1	72	-------	2	4	-------	1	10
55-59	98	10	6	4	23	5	55	-------	1	2	-------	-------	7
60-64	80	9	8	1	11	3	50	-------	1	4	-------	2	3
65-69	30	3	2	1	3	1	17	-------	-------	1	-------	-------	6
70 AND OVER	20	2	1	1	1	-------	4	-------	1	2	-------	9	1
NO REPORT	1	-------	-------	-------	-------	-------	1	-------	-------	-------	-------	-------	-------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-12. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PRIMARY WORK ACTIVITY, 1968

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL FIELDS	297,942	96,036	46,177	38,841	62,870	28,568	62,087	16,847	12,334	14,365	8,416	12,707	12,280
1 OR LESS	11,312	5,274	3,392	1,398	488	127	2,469	747	265	462	503	716	388
2 TO 4	44,308	19,956	11,585	6,479	3,102	1,048	11,073	2,391	1,394	1,854	1,448	1,815	1,275
5 TO 9	55,645	21,642	10,146	8,892	7,821	3,208	14,116	2,777	2,368	2,664	1,631	1,203	1,423
10 TO 14	42,590	14,112	6,004	6,492	9,800	4,597	9,538	2,053	1,955	2,408	1,156	450	1,118
15 TO 19	39,352	10,651	3,989	5,211	12,489	6,006	6,958	2,389	2,006	2,478	977	245	1,159
20 TO 24	22,729	5,393	2,037	2,700	7,847	3,681	4,464	1,376	1,175	1,103	533	146	692
25 TO 29	17,030	3,875	1,353	1,983	6,436	3,208	2,937	1,208	766	697	416	127	568
30 TO 34	12,294	2,389	820	1,233	4,582	2,106	2,460	791	581	490	315	192	494
35 TO 39	6,458	1,169	446	596	2,104	925	1,569	340	348	209	139	298	282
40 OR MORE	5,422	864	432	354	1,106	483	1,283	180	426	179	112	969	303
NO REPORT	40,802	10,711	5,973	3,503	7,095	3,179	5,220	2,595	1,050	1,821	1,186	6,546	4,578
CHEMISTRY	93,788	33,492	14,281	11,819	20,908	11,498	9,762	14,318	1,315	823	2,726	6,180	4,264
1 OR LESS	4,705	2,435	1,403	607	147	35	736	680	21	37	257	254	138
2 TO 4	12,588	6,857	3,795	1,793	572	250	1,744	2,060	91	103	392	468	301
5 TO 9	12,830	5,927	2,504	2,098	1,575	882	1,880	2,275	125	113	395	264	276
10 TO 14	9,789	3,964	1,434	1,606	2,338	1,461	1,126	1,615	81	100	284	92	189
15 TO 19	10,917	3,492	931	1,537	3,768	2,247	886	1,919	149	105	267	69	262
20 TO 24	6,830	1,854	504	873	2,622	1,436	566	1,197	122	65	185	43	176
25 TO 29	6,640	1,599	383	778	2,817	1,546	485	1,119	142	74	161	60	183
30 TO 34	4,408	962	181	496	1,852	973	374	708	104	47	112	93	156
35 TO 39	2,147	372	88	190	801	413	243	320	83	24	43	178	83
40 OR MORE	1,930	235	88	91	386	200	240	159	148	26	32	606	98
NO REPORT	21,004	5,795	2,970	1,750	4,030	2,055	1,482	2,266	249	129	598	4,053	2,402
EARTH & MARINE SCIENCES	23,746	3,737	2,075	1,652	3,935	1,223	4,034	1,554	734	7,134	618	882	1,118
1 OR LESS	848	151	100	51	39	6	252	51	6	175	48	80	46
2 TO 4	2,588	685	437	246	106	30	779	160	16	528	81	125	108
5 TO 9	3,425	773	429	343	312	116	878	228	55	918	107	62	92
10 TO 14	3,505	512	250	259	549	165	528	289	103	1,297	84	51	92
15 TO 19	4,196	476	231	244	903	264	384	332	146	1,704	86	32	133
20 TO 24	1,827	214	111	102	475	139	227	117	75	619	20	13	67
25 TO 29	1,048	133	61	72	310	104	171	41	62	261	23	11	36
30 TO 34	967	120	62	57	290	92	108	50	57	274	18	14	36
35 TO 39	438	41	21	20	123	36	81	12	28	103	4	23	23
40 OR MORE	463	49	34	15	91	28	60	14	57	90	8	53	41
NO REPORT	4,441	583	339	243	737	243	566	260	129	1,165	139	418	444
ATMOSPHERIC & SPACE SCIENCES	5,745	1,079	497	581	1,510	389	293	66	89	1,970	406	107	225
1 OR LESS	302	66	40	25	9	2	9	1	1	175	20	9	12
2 TO 4	852	196	106	90	107	9	34	5	9	368	83	21	29
5 TO 9	796	188	84	104	168	21	42	5	11	260	90	9	23
10 TO 14	772	162	59	103	209	53	46	16	12	252	50	3	22
15 TO 19	660	123	50	73	203	62	35	9	16	216	34	6	18
20 TO 24	585	74	34	40	212	58	17	5	13	195	37	10	22
25 TO 29	678	64	22	42	287	92	44	9	12	200	25	6	31
30 TO 34	175	20	8	12	64	26	19	4	3	48	3	2	12
35 TO 39	74	4	2	2	36	7	4	1	2	17	2	3	5
40 OR MORE	33	3	2	1	7	1	5	------	3	6	2	4	3
NO REPORT	818	179	90	89	208	58	38	11	7	233	60	34	48
PHYSICS	32,491	16,380	8,939	5,832	5,123	3,679	6,899	183	363	577	336	1,132	1,498
1 OR LESS	1,509	993	736	210	30	13	251	5	3	33	12	116	66
2 TO 4	6,464	4,067	2,583	1,173	239	129	1,378	39	25	181	80	234	221
5 TO 9	7,742	4,568	2,346	1,676	732	508	1,740	63	59	160	82	114	224
10 TO 14	4,831	2,448	1,179	1,018	852	652	1,148	27	50	75	53	47	131
15 TO 19	4,026	1,722	738	782	1,249	933	785	24	58	39	38	20	91
20 TO 24	2,005	718	310	320	688	518	449	8	40	22	17	8	55
25 TO 29	1,632	538	215	261	644	492	322	5	41	17	8	7	50
30 TO 34	977	247	99	123	335	225	295	3	31	11	11	12	32
35 TO 39	584	151	58	71	153	99	203	1	20	7	7	17	25
40 OR MORE	492	114	60	42	92	49	159	1	29	4	11	59	23
NO REPORT	2,229	814	615	156	109	61	169	7	7	28	17	498	580
MATHEMATICS	24,477	5,147	2,014	2,556	5,122	2,145	9,491	184	1,065	926	745	786	1,011
1 OR LESS	259	119	97	21	1	------	112	------	8	1	1	7	10
2 TO 4	4,126	1,168	629	442	175	66	1,902	24	108	156	164	264	165
5 TO 9	6,562	1,505	569	762	944	382	2,759	64	297	309	236	224	224
10 TO 14	4,474	910	251	514	1,189	530	1,555	28	243	195	135	63	156
15 TO 19	3,197	562	158	331	1,156	513	956	27	160	100	75	21	140
20 TO 24	1,719	276	74	166	596	248	593	10	85	48	31	8	72
25 TO 29	1,078	160	44	103	341	144	383	9	50	35	29	11	52
30 TO 34	804	84	26	54	250	92	338	9	31	17	20	8	47
35 TO 39	514	48	22	21	142	51	250	1	14	10	9	14	26
40 OR MORE	449	32	18	11	81	12	220	3	24	13	4	45	27
NO REPORT	1,303	283	126	131	247	107	423	9	45	42	41	121	92

APPENDIX TABLE A-12. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
COMPUTER SCIENCES	6,972	2,661	159	1,496	1,555	825	212	88	440	1,231	427	147	211
1 OR LESS	15	5	3	2	------	------	6	------	------	1	1	1	1
2 TO 4	1,002	448	37	255	74	36	49	10	58	233	73	26	31
5 TO 9	2,717	1,108	58	587	437	210	68	39	196	554	175	70	70
10 TO 14	1,634	556	30	305	512	282	44	19	96	236	104	17	50
15 TO 19	819	275	18	178	291	174	27	7	45	100	35	9	30
20 TO 24	251	76	2	49	107	56	6	6	8	26	11	1	10
25 TO 29	100	29	2	22	43	23	3	1	6	9	5	------	4
30 TO 34	46	10	1	8	16	8	1	------	6	5	4	1	3
35 TO 39	16	5	------	5	8	4	------	------	------	------	------	2	1
40 OR MORE	10	3	------	2	4	4	------	1	------	------	------	1	1
NO REPORT	362	146	8	83	63	28	8	5	25	67	19	19	10
AGRICULTURAL SCIENCES	12,740	2,984	784	2,195	6,987	1,328	1,000	82	48	216	859	175	389
1 OR LESS	384	132	55	76	128	16	38	5	1	4	36	24	16
2 TO 4	1,816	538	185	351	874	119	118	27	8	30	150	31	40
5 TO 9	2,645	638	187	451	1,507	189	164	19	14	51	178	13	61
10 TO 14	2,120	492	107	385	1,200	207	165	9	5	42	138	12	57
15 TO 19	2,182	433	89	344	1,316	290	182	8	8	28	136	9	62
20 TO 24	1,174	248	41	206	687	184	120	2	3	17	62	------	35
25 TO 29	665	128	25	103	379	107	71	4	------	9	45	2	27
30 TO 34	734	136	21	115	433	108	70	3	4	11	44	5	28
35 TO 39	315	60	7	53	179	50	32	------	------	7	23	4	10
40 OR MORE	144	31	4	27	64	29	17	------	------	7	13	8	4
NO REPORT	561	148	63	84	220	29	23	5	5	10	34	67	49
BIOLOGICAL SCIENCES	46,183	18,897	13,194	5,690	8,087	3,870	12,484	107	2,021	299	1,176	1,268	1,844
1 OR LESS	1,587	876	694	180	63	25	314	4	108	10	70	93	49
2 TO 4	6,826	3,542	2,708	831	415	165	1,827	27	254	51	216	305	189
5 TO 9	8,819	4,167	2,970	1,195	862	371	2,773	25	316	36	196	214	230
10 TO 14	7,497	3,193	2,136	1,055	1,264	614	2,304	10	236	45	156	63	226
15 TO 19	6,218	2,248	1,417	829	1,577	758	1,673	17	238	39	170	25	231
20 TO 24	3,957	1,291	799	491	1,145	575	1,041	6	229	24	80	20	121
25 TO 29	2,676	790	479	311	832	421	681	4	156	28	58	15	112
30 TO 34	2,065	496	320	176	717	355	559	2	102	18	55	18	98
35 TO 39	1,291	325	203	122	403	192	366	1	74	18	33	14	57
40 OR MORE	867	251	175	76	212	107	259	1	43	9	20	21	51
NO REPORT	4,380	1,718	1,293	424	597	287	687	10	265	21	122	480	480
PSYCHOLOGY	23,077	5,979	1,722	4,034	4,424	1,471	5,346	7	5,510	91	382	744	594
1 OR LESS	567	225	99	119	14	8	165	------	106	2	10	30	15
2 TO 4	3,148	1,133	433	678	208	107	887	1	726	12	41	79	61
5 TO 9	4,790	1,520	474	987	654	240	1,204	------	1,150	17	55	95	95
10 TO 14	4,346	1,165	281	840	944	313	967	1	1,022	17	79	57	94
15 TO 19	3,927	777	179	560	1,111	376	748	2	1,084	13	69	28	95
20 TO 24	1,982	342	66	261	565	174	423	1	521	7	38	20	65
25 TO 29	1,122	208	39	155	321	99	277	2	250	3	22	9	30
30 TO 34	854	127	27	92	235	70	223	------	199	7	16	20	27
35 TO 39	472	86	17	67	112	21	116	------	101	1	11	25	20
40 OR MORE	433	65	13	51	73	18	91	------	89	5	10	84	16
NO REPORT	1,436	331	94	224	187	45	245	------	262	7	[illegible]	297	76
STATISTICS	2,639	743	169	542	534	284	482	85	269	286	71	71	98
1 OR LESS	34	15	2	13	------	------	13	------	3	1	2	------	------
2 TO 4	411	130	37	87	20	9	113	11	49	43	9	19	17
5 TO 9	636	215	56	150	63	39	130	20	76	80	17	19	16
10 TO 14	400	113	23	84	87	46	73	16	44	39	8	6	14
15 TO 19	385	89	10	73	127	69	59	16	31	39	12	3	9
20 TO 24	248	51	8	41	89	51	34	5	26	26	6	4	7
25 TO 29	197	49	16	33	66	33	20	4	18	22	8	1	9
30 TO 34	137	29	5	23	47	21	13	6	5	21	5	3	8
35 TO 39	52	12	2	10	9	4	17	2	4	2	------	3	3
40 OR MORE	29	6	2	4	8	2	1	1	1	2	------	6	4
NO REPORT	110	34	8	24	18	10	9	4	12	11	4	7	11
ECONOMICS	11,510	2,377	655	1,609	2,630	1,075	4,496	173	356	515	267	315	381
1 OR LESS	284	85	34	51	11	4	138	1	4	11	6	20	8
2 TO 4	1,739	546	176	354	147	56	766	27	28	83	52	54	36
5 TO 9	2,125	538	149	371	307	140	952	39	54	109	40	36	50
10 TO 14	1,548	309	75	216	377	166	640	23	48	72	31	11	37
15 TO 19	1,459	230	37	172	486	211	512	28	56	70	28	8	41
20 TO 24	1,221	159	33	119	428	161	465	19	42	42	30	6	30
25 TO 29	676	117	34	77	241	101	228	10	22	26	18	------	14
30 TO 34	618	94	26	59	215	87	206	6	29	20	18	9	19
35 TO 39	277	34	5	25	79	27	105	2	17	16	3	4	17
40 OR MORE	314	39	15	19	60	20	115	------	27	10	11	32	20
NO REPORT	1,251	226	71	146	279	102	369	18	29	56	30	135	109

APPENDIX TABLE A-12. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
SOCIOLOGY	6,638	1,437	893	544	884	405	3,139	------	33	77	210	533	325
1 OR LESS	364	89	58	31	19	12	172	------	1	3	25	41	14
2 TO 4	1,266	372	250	122	76	42	588	------	7	17	69	106	31
5 TO 9	1,079	268	163	105	116	60	587	------	4	20	24	34	26
10 TO 14	663	148	87	61	117	57	343	------	6	6	11	12	20
15 TO 19	583	122	68	54	125	57	297	------	5	2	10	6	16
20 TO 24	396	56	37	19	93	35	218	------	2	2	5	9	11
25 TO 29	197	27	13	14	59	19	96	------	2	3	4	------	4
30 TO 34	177	20	10	10	40	19	99	------	1	1	1	3	12
35 TO 39	104	14	9	5	23	10	57	------	------	1	2	3	4
40 OR MORE	92	16	4	12	9	5	45	------	1	3	------	12	6
NO REPORT	1,717	305	194	111	207	89	637	------	4	17	59	307	181
POLITICAL SCIENCE	5,176	619	413	169	877	260	2,954	------	65	126	169	213	153
1 OR LESS	387	64	56	8	26	6	230	------	3	6	14	33	11
2 TO 4	1,121	191	138	45	81	25	677	------	12	37	36	60	27
5 TO 9	960	119	79	33	123	40	608	------	7	26	31	25	21
10 TO 14	582	56	32	22	106	28	353	------	7	15	20	9	16
15 TO 19	468	47	24	18	117	30	252	------	6	14	14	4	14
20 TO 24	347	20	10	7	103	30	190	------	6	4	11	------	13
25 TO 29	225	16	7	8	78	23	101	------	4	6	10	3	7
30 TO 34	218	19	12	5	70	23	100	------	9	5	7	2	6
35 TO 39	97	3	3	------	22	7	58	------	4	------	2	4	4
40 OR MORE	102	8	6	2	14	5	42	------	2	1	1	30	4
NO REPORT	669	76	46	21	137	43	343	------	5	12	23	43	30
ANTHROPOLOGY	1,219	258	222	36	130	72	683	------	8	32	4	44	60
1 OR LESS	22	6	6	------	------	------	14	------	------	1	------	1	------
2 TO 4	150	39	38	1	2	2	101	------	1	2	------	3	2
5 TO 9	242	52	41	11	6	4	171	------	1	3	------	3	6
10 TO 14	185	45	40	5	26	15	98	------	------	6	1	2	7
15 TO 19	140	30	23	7	29	12	69	------	1	3	------	3	5
20 TO 24	88	7	5	2	17	11	53	------	2	1	------	3	5
25 TO 29	47	10	10	------	11	3	20	------	------	2	------	1	3
30 TO 34	52	18	15	3	4	4	18	------	------	5	1	1	5
35 TO 39	26	5	2	3	3	1	10	------	------	1	------	4	3
40 OR MORE	27	10	10	------	2	2	7	------	1	------	------	5	2
NO REPORT	240	36	32	4	30	18	122	------	2	8	2	18	22
LINGUISTICS	1,541	246	160	86	164	44	812	------	18	62	20	110	109
1 OR LESS	45	13	9	4	1	------	19	------	------	2	1	7	2
2 TO 4	211	44	33	11	6	3	110	------	2	10	2	20	17
5 TO 9	277	56	37	19	15	6	160	------	3	8	5	21	9
10 TO 14	244	39	20	19	30	8	148	------	2	11	2	5	7
15 TO 19	175	25	16	9	31	10	93	------	3	6	3	2	12
20 TO 24	99	7	3	4	20	5	62	------	1	5	------	1	3
25 TO 29	57	7	3	4	7	1	35	------	1	------	------	1	6
30 TO 34	64	7	7	------	14	3	37	------	------	------	------	1	5
35 TO 39	51	9	7	2	11	3	27	------	1	2	------	------	1
40 OR MORE	37	2	1	1	3	1	22	------	1	3	------	3	3
NO REPORT	281	37	24	13	26	4	99	------	4	15	7	49	44

(A) INCLUDES DEVELOPEMNT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-13. NUMBER OF SCIENTISTS, BY FIELD, HIGHEST DEGREE, AND MAJOR SUBJECT OF HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	MAJOR SUBJECT											
		CHEMISTRY	BIOCHEMISTRY	PHYSICAL CHEMISTRY	FOOD SCIENCE	EARTH SCIENCE	OCEANOGRAPHY	ATMOSPHERIC AND SPACE SCIENCES	PHYSICS	ASTRONOMY	MATHEMATICS	COMPUTER SCIENCES	STATISTICS
	TOTAL												
ALL FIELDS	297,942	59,476	5,889	4,991	718	20,670	483	2,954	27,509	890	23,439	343	2,224
CHEMISTRY	93,788	57,575	3,052	4,597	573	137	25	16	414	4	318	4	37
EARTH & MARINE SCIENCES	23,746	101	2	2	-------	19,932	213	20	332	3	249	-------	6
ATMOSPHERIC & SPACE SCIENCE	5,745	169	-------	4	-------	221	71	2,830	329	9	641	3	2
PHYSICS	32,491	476	7	307	1	116	17	48	25,401	848	719	4	9
MATHEMATICS	24,477	139	6	7	-------	48	1	23	520	13	17,195	101	648
COMPUTER SCIENCES	6,972	102	1	5	-------	59	-------	10	371	12	3,625	228	186
AGRICULTURAL SCIENCES	12,740	21	8	-------	8	16	13	1	2	-------	6	-------	3
BIOLOGICAL SCIENCES	46,183	845	2,813	67	135	96	143	4	103	-------	28	1	12
PSYCHOLOGY	23,077	8	-------	-------	-------	2	-------	-------	6	-------	25	-------	22
STATISTICS	2,639	23	-------	2	1	7	-------	1	17	1	550	1	1,220
ECONOMICS	11,510	11	-------	-------	-------	28	-------	1	9	-------	56	-------	65
SOCIOLOGY	6,638	1	-------	-------	-------	1	-------	-------	3	-------	14	1	13
POLITICAL SCIENCE	5,176	1	-------	-------	-------	2	-------	-------	1	-------	4	-------	-------
ANTHROPOLOGY	1,219	-------	-------	-------	-------	3	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	1,541	4	-------	-------	-------	2	-------	-------	1	-------	9	-------	1
	DOCTORATE DEGREES												
ALL FIELDS	111,206	19,027	4,606	3,937	344	4,614	211	383	11,800	545	5,858	50	764
CHEMISTRY	28,973	18,208	1,983	3,587	254	38	12	2	118	1	8	-------	3
EARTH & MARINE SCIENCES	4,956	26	1	2	-------	4,417	91	3	53	1	10	-------	1
ATMOSPHERIC & SPACE SCIENCE	514	8	-------	3	-------	40	26	344	25	3	10	-------	1
PHYSICS	14,311	199	3	267	-------	58	6	29	11,418	537	104	-------	3
MATHEMATICS	6,929	22	-------	6	-------	7	-------	4	85	2	5,410	22	167
COMPUTER SCIENCES	469	8	-------	5	-------	1	-------	-------	27	1	170	28	8
AGRICULTURAL SCIENCES	2,332	6	3	-------	4	1	4	-------	1	-------	-------	-------	1
BIOLOGICAL SCIENCES	22,344	542	2,616	65	86	46	72	1	63	-------	6	-------	8
PSYCHOLOGY	14,794	3	-------	-------	-------	-------	-------	-------	4	-------	8	-------	17
STATISTICS	929	3	-------	2	-------	-------	-------	-------	4	-------	123	-------	543
ECONOMICS	6,112	1	-------	-------	-------	5	-------	-------	1	-------	5	-------	10
SOCIOLOGY	3,396	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	2
POLITICAL SCIENCE	3,034	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	1,158	-------	-------	-------	-------	1	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	955	1	-------	-------	-------	-------	-------	-------	1	-------	4	-------	-------
	MASTER'S DEGREES												
ALL FIELDS	86,717	10,501	974	894	213	7,007	242	1,195	8,699	248	10,626	271	1,215
CHEMISTRY	20,121	10,235	806	859	163	43	13	9	121	1	95	2	33
EARTH & MARINE SCIENCES	7,651	14	1	-------	-------	6,775	106	13	80	2	33	-------	4
ATMOSPHERIC & SPACE SCIENCE	1,555	7	-------	-------	-------	62	37	1,135	53	1	34	3	1
PHYSICS	10,776	102	2	33	1	33	9	16	8,148	232	275	4	6
MATHEMATICS	12,094	34	2	-------	-------	21	1	14	185	7	8,547	78	419
COMPUTER SCIENCES	2,736	12	-------	-------	-------	11	-------	3	84	4	1,361	181	120
AGRICULTURAL SCIENCES	3,417	6	3	-------	4	6	9	1	-------	-------	-------	-------	2
BIOLOGICAL SCIENCES	10,064	81	160	2	45	34	67	2	19	-------	7	1	4
PSYCHOLOGY	8,000	3	-------	-------	-------	1	-------	-------	1	-------	10	-------	4
STATISTICS	1,147	2	-------	-------	-------	2	-------	1	4	1	240	1	573
ECONOMICS	4,306	3	-------	-------	-------	17	-------	1	3	-------	18	-------	39
SOCIOLOGY	2,507	-------	-------	-------	-------	-------	-------	-------	1	-------	3	1	9
POLITICAL SCIENCE	1,897	1	-------	-------	-------	-------	-------	-------	-------	-------	2	-------	-------
ANTHROPOLOGY	33	-------	-------	-------	-------	2	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	413	1	-------	-------	-------	-------	-------	-------	-------	-------	1	-------	1
	BACHELOR'S DEGREES												
ALL FIELDS	89,141	29,323	291	131	160	8,982	29	1,347	6,906	95	6,799	15	233
CHEMISTRY	43,127	28,523	253	124	155	50	-------	4	163	2	205	2	1
EARTH & MARINE SCIENCES	10,893	60	-------	-------	-------	8,682	16	4	198	-------	204	-------	1
ATMOSPHERIC & SPACE SCIENCE	3,168	154	-------	1	-------	118	8	1,323	248	5	584	-------	-------
PHYSICS	7,239	173	2	6	-------	25	2	3	5,760	78	335	-------	-------
MATHEMATICS	5,147	83	3	-------	-------	18	-------	5	245	4	3,168	1	59
COMPUTER SCIENCES	3,513	79	1	-------	-------	47	-------	7	253	6	2,044	12	55
AGRICULTURAL SCIENCES	6,880	9	2	-------	-------	9	-------	-------	1	-------	6	-------	-------
BIOLOGICAL SCIENCES	6,363	214	30	-------	4	16	3	1	20	-------	14	-------	-------
PSYCHOLOGY	248	2	-------	-------	-------	1	-------	-------	1	-------	7	-------	1
STATISTICS	531	16	-------	-------	1	5	-------	-------	9	-------	182	-------	98
ECONOMICS	1,027	7	-------	-------	-------	6	-------	-------	5	-------	33	-------	16
SOCIOLOGY	698	1	-------	-------	-------	1	-------	-------	2	-------	11	-------	2
POLITICAL SCIENCE	157	-------	-------	-------	-------	2	-------	-------	1	-------	2	-------	-------
ANTHROPOLOGY	16	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	134	2	-------	-------	-------	2	-------	-------	-------	-------	4	-------	-------

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-13. NUMBER OF SCIENTISTS, BY FIELD, HIGHEST DEGREE, AND MAJOR SUBJECT OF HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD	MAJOR SUBJECT												NO REPORT OF MAJOR SUBJECT
	AGRI-CULTURAL SCIENCES	BIOLOGY	BIO-PHYSICS	PSY-CHOLOGY	SOCIAL PSY-CHOLOGY	ECO-NOMICS	SOCI-OLOGY	POLITI-CAL SCIENCE	ANTHRO-POLOGY	LIN-GUISTICS	ENGI-NEERING	OTHER	
	TOTAL												
ALL FIELDS	15,842	38,637	462	21,651	590	12,662	5,813	5,253	1,274	1,607	27,122	11,235	6,208
CHEMISTRY	391	2,194	50	75	-------	771	12	203	7	54	18,880	2,756	1,643
EARTH & MARINE SCIENCES	194	98	-------	9	-------	85	5	39	11	22	1,782	359	282
ATMOSPHERIC & SPACE SCIENCE	73	44	1	25	-------	94	5	16	1	17	273	353	564
PHYSICS	19	59	159	33	-------	47	4	6	1	11	2,889	967	343
MATHEMATICS	21	72	4	113	-------	636	28	43	4	79	2,019	1,775	982
COMPUTER SCIENCES	7	33	2	75	-------	331	14	34	3	44	1,004	500	326
AGRICULTURAL SCIENCES	10,917	1,314	-------	2	-------	109	2	22	2	2	30	167	95
BIOLOGICAL SCIENCES	4,084	34,575	246	175	2	84	15	27	8	40	136	1,696	848
PSYCHOLOGY	25	73	-------	20,958	488	37	102	9	8	33	5	1,075	201
STATISTICS	30	135	-------	63	-------	222	33	20	4	14	47	136	112
ECONOMICS	77	9	-------	4	1	10,143	16	174	2	17	48	376	473
SOCIOLOGY	4	16	-------	97	95	51	5,557	88	51	20	6	490	130
POLITICAL SCIENCE	-------	4	-------	7	1	49	8	4,561	2	12	1	423	100
ANTHROPOLOGY	-------	9	-------	2	1	1	10	2	1,142	6	1	23	19
LINGUISTICS	-------	2	-------	13	2	2	2	9	28	1,236	1	139	90
	DOCTORATE DEGREES												
ALL FIELDS	3,356	17,957	356	13,728	495	5,879	3,018	3,057	1,158	856	4,876	2,918	1,413
CHEMISTRY	212	616	33	8	-------	22	-------	119	3	3	2,790	680	273
EARTH & MARINE SCIENCES	110	26	-------	1	-------	4	-------	11	-------	1	107	60	31
ATMOSPHERIC & SPACE SCIENCE	17	3	-------	-------	-------	1	-------	-------	-------	2	15	12	4
PHYSICS	11	12	97	4	-------	1	-------	3	-------	2	1,292	183	82
MATHEMATICS	3	24	2	20	-------	67	5	7	-------	12	465	387	212
COMPUTER SCIENCES	-------	3	-------	3	-------	14	-------	2	-------	-------	144	37	18
AGRICULTURAL SCIENCES	1,816	445	-------	-------	-------	15	-------	1	-------	-------	4	23	8
BIOLOGICAL SCIENCES	1,130	16,721	224	94	2	12	1	4	4	-------	44	299	304
PSYCHOLOGY	14	40	-------	13,536	406	16	55	5	6	13	2	572	97
STATISTICS	17	60	-------	24	-------	47	14	5	1	-------	3	54	29
ECONOMICS	24	2	-------	-------	1	5,647	7	66	2	1	8	140	192
SOCIOLOGY	2	3	-------	27	82	17	2,924	42	27	3	1	206	60
POLITICAL SCIENCE	-------	-------	-------	1	1	15	3	2,791	-------	2	1	161	59
ANTHROPOLOGY	-------	2	-------	2	1	1	9	1	1,106	6	-------	22	7
LINGUISTICS	-------	-------	-------	8	2	-------	-------	-------	9	811	-------	82	37
	MASTER'S DEGREES												
ALL FIELDS	4,185	8,192	94	7,513	93	5,121	2,208	1,836	68	416	7,112	5,810	1,984
CHEMISTRY	81	492	12	33	-------	651	4	21	2	18	4,491	1,360	576
EARTH & MARINE SCIENCES	57	30	-------	3	-------	38	1	11	5	3	287	154	34
ATMOSPHERIC & SPACE SCIENCE	19	1	-------	6	-------	26	1	9	-------	-------	46	87	27
PHYSICS	3	28	58	23	-------	39	1	3	-------	3	942	644	171
MATHEMATICS	9	21	2	46	-------	313	9	18	1	21	841	1,047	458
COMPUTER SCIENCES	5	6	1	24	-------	132	4	5	-------	4	426	258	95
AGRICULTURAL SCIENCES	2,752	442	-------	1	-------	57	2	16	1	-------	7	87	21
BIOLOGICAL SCIENCES	1,208	7,080	21	62	-------	46	5	19	3	5	33	999	161
PSYCHOLOGY	11	12	-------	7,243	80	16	36	4	2	14	1	477	85
STATISTICS	9	64	-------	18	-------	73	14	7	1	5	19	67	46
ECONOMICS	29	4	-------	4	-------	3,685	5	84	-------	3	15	176	220
SOCIOLOGY	2	9	-------	42	13	20	2,121	22	13	6	4	202	39
POLITICAL SCIENCE	-------	3	-------	4	-------	25	3	1,613	2	5	-------	214	25
ANTHROPOLOGY	-------	-------	-------	-------	-------	-------	1	-------	28	-------	-------	-------	2
LINGUISTICS	-------	-------	-------	4	-------	-------	1	4	10	329	-------	38	24
	BACHELOR'S DEGREES												
ALL FIELDS	8,211	5,278	12	391	2	1,585	57	289	45	315	14,880	2,343	903
CHEMISTRY	95	919	5	32	-------	93	8	61	2	33	11,442	656	299
EARTH & MARINE SCIENCES	27	41	-------	5	-------	41	4	17	6	18	1,366	144	59
ATMOSPHERIC & SPACE SCIENCE	37	40	1	19	-------	65	4	7	-------	15	205	247	87
PHYSICS	5	19	4	6	-------	7	3	-------	1	6	636	139	29
MATHEMATICS	8	27	-------	45	-------	246	14	17	3	45	692	322	142
COMPUTER SCIENCES	2	23	1	45	-------	169	10	27	3	39	410	194	86
AGRICULTURAL SCIENCES	6,291	416	-------	1	-------	36	-------	5	1	2	18	57	26
BIOLOGICAL SCIENCES	1,718	3,762	1	18	-------	26	9	3	1	35	56	358	74
PSYCHOLOGY	-------	10	-------	168	2	5	11	-------	-------	5	2	25	8
STATISTICS	4	10	-------	21	-------	102	5	8	2	9	25	14	20
ECONOMICS	24	3	-------	-------	-------	772	4	22	-------	13	25	59	38
SOCIOLOGY	-------	4	-------	28	-------	14	502	21	10	11	1	75	15
POLITICAL SCIENCE	-------	1	-------	2	-------	8	1	97	-------	5	-------	37	1
ANTHROPOLOGY	-------	2	-------	-------	-------	-------	-------	1	7	-------	1	1	4
LINGUISTICS	-------	1	-------	1	-------	1	1	3	9	79	1	15	15

APPENDIX TABLE A-14. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, TYPE OF EMPLOYER, AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	13,200	15,000	20,000	12,000	12,000	14,000	12,400
EDUCATIONAL INSTITUTIONS							
ACADEMIC	11,000	12,000	14,300	9,200	7,200	-------	11,000
CALENDAR	13,500	14,800	20,000	10,400	7,500	-------	10,900
FEDERAL GOVERNMENT	13,500	15,800	20,900	13,400	12,200	13,500	12,000
OTHER GOVERNMENT	11,200	14,500	20,000	11,000	9,700	-------	10,000
NONPROFIT ORGANIZATIONS	14,700	16,000	20,000	12,700	11,700	-------	13,000
INDUSTRY AND BUSINESS	14,700	17,500	21,000	14,100	13,000	14,600	13,000
SELF-EMPLOYED	18,000	21,600	30,000	16,000	15,000	-------	15,000
OTHER	12,600	15,000	14,800	12,000	11,500	-------	11,000
NO REPORT	14,000	15,700	20,000	12,000	12,000	-------	-------
CHEMISTRY	13,500	15,600	12,000	13,000	12,000	13,800	12,000
EDUCATIONAL INSTITUTIONS							
ACADEMIC	10,500	11,500	-------	9,000	6,100	-------	-------
CALENDAR	11,000	13,500	18,000	8,500	3,900	-------	-------
FEDERAL GOVERNMENT	13,500	15,800	-------	13,800	12,600	-------	12,000
OTHER GOVERNMENT	10,800	14,000	-------	11,200	10,000	-------	-------
NONPROFIT ORGANIZATIONS	13,200	16,000	6,200	12,300	10,000	-------	-------
INDUSTRY AND BUSINESS	14,400	17,000	-------	14,000	12,500	13,800	12,200
SELF-EMPLOYED	17,000	20,000	-------	17,500	15,000	-------	-------
OTHER	12,000	15,000	-------	12,000	11,000	-------	-------
NO REPORT	13,800	15,300	-------	13,700	12,500	-------	-------
EARTH & MARINE SCIENCES	12,900	14,000	-------	12,000	13,000	14,500	12,000
EDUCATIONAL INSTITUTIONS							
ACADEMIC	10,700	12,000	-------	9,000	7,500	-------	-------
CALENDAR	12,400	14,700	-------	9,800	8,000	-------	-------
FEDERAL GOVERNMENT	13,400	15,300	-------	13,000	12,800	-------	-------
OTHER GOVERNMENT	11,000	13,000	-------	11,000	10,700	-------	-------
NONPROFIT ORGANIZATIONS	13,000	14,900	-------	12,800	11,200	-------	-------
INDUSTRY AND BUSINESS	13,500	16,100	-------	13,000	13,300	14,000	12,500
SELF-EMPLOYED	15,000	20,000	-------	15,000	15,000	-------	-------
OTHER	12,300	12,300	-------	-------	14,000	-------	-------
NO REPORT	12,600	-------	-------	-------	-------	-------	-------
ATMOSPHERIC & SPACE SCIENCES	13,400	16,100	-------	13,700	13,000	13,000	12,000
EDUCATIONAL INSTITUTIONS							
ACADEMIC	12,000	13,600	-------	9,900	-------	-------	-------
CALENDAR	12,800	15,500	-------	11,100	10,200	-------	-------
FEDERAL GOVERNMENT	13,400	18,000	-------	14,000	13,200	-------	12,000
OTHER GOVERNMENT	10,900	-------	-------	-------	10,500	-------	-------
NONPROFIT ORGANIZATIONS	14,600	-------	-------	15,900	12,000	-------	-------
INDUSTRY AND BUSINESS	13,700	20,000	-------	14,500	13,000	-------	11,800
SELF-EMPLOYED	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------
PHYSICS	14,000	15,900	-------	12,600	12,600	-------	14,000
EDUCATIONAL INSTITUTIONS							
ACADEMIC	11,000	12,500	-------	9,400	7,600	-------	-------
CALENDAR	12,000	13,400	-------	10,500	8,500	-------	-------
FEDERAL GOVERNMENT	14,500	17,400	-------	14,000	13,400	-------	-------
OTHER GOVERNMENT	11,300	14,000	-------	-------	-------	-------	-------
NONPROFIT ORGANIZATIONS	16,800	18,000	-------	14,800	13,800	-------	-------
INDUSTRY AND BUSINESS	16,200	19,000	-------	15,000	13,300	-------	15,600
SELF-EMPLOYED	18,500	20,000	-------	-------	17,000	-------	-------
OTHER	7,500	-------	-------	-------	-------	-------	-------
NO REPORT	14,600	-------	-------	-------	-------	-------	-------
MATHEMATICS	13,000	14,000	-------	11,400	15,000	-------	15,000
EDUCATIONAL INSTITUTIONS							
ACADEMIC	10,200	12,000	-------	8,900	7,400	-------	-------
CALENDAR	12,000	15,000	-------	10,000	9,500	-------	-------
FEDERAL GOVERNMENT	15,300	19,500	-------	15,000	14,900	-------	-------
OTHER GOVERNMENT	13,100	15,000	-------	12,300	13,500	-------	-------
NONPROFIT ORGANIZATIONS	18,000	20,000	-------	17,100	17,200	-------	-------
INDUSTRY AND BUSINESS	16,800	19,600	-------	16,200	16,300	-------	16,400
SELF-EMPLOYED	21,000	-------	-------	20,000	22,000	-------	-------
OTHER	14,000	18,000	-------	12,000	14,600	-------	-------
NO REPORT	13,200	-------	-------	12,000	-------	-------	-------

APPENDIX TABLE A-14. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, TYPE OF EMPLOYER, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	14,100	18,100	-------	14,400	13,800	-------	13,500
EDUCATIONAL INSTITUTIONS							
ACADEMIC	12,000	13,500	-------	9,500	-------	-------	-------
CALENDAR	12,800	18,000	-------	12,000	11,400	-------	-------
FEDERAL GOVERNMENT	13,700	-------	-------	14,400	13,500	-------	13,500
OTHER GOVERNMENT	12,700	-------	-------	-------	12,700	-------	-------
NONPROFIT ORGANIZATIONS	15,100	22,000	-------	15,900	14,200	-------	-------
INDUSTRY AND BUSINESS	14,400	20,000	-------	14,500	14,000	-------	13,500
SELF-EMPLOYED	-------	-------	-------	-------	-------	-------	-------
OTHER	13,300	-------	-------	-------	12,000	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------
AGRICULTURAL SCIENCES	11,000	14,400	-------	10,900	10,000	-------	9,200
EDUCATIONAL INSTITUTIONS							
ACADEMIC	10,500	11,700	-------	9,900	-------	-------	-------
CALENDAR	13,200	14,500	-------	11,100	10,500	-------	-------
FEDERAL GOVERNMENT	10,900	14,400	-------	11,500	10,300	-------	8,600
OTHER GOVERNMENT	9,300	13,700	-------	9,500	9,100	-------	-------
NONPROFIT ORGANIZATIONS	12,000	15,500	-------	12,000	10,000	-------	-------
INDUSTRY AND BUSINESS	10,800	15,000	-------	11,400	10,000	-------	-------
SELF-EMPLOYED	12,000	-------	-------	15,000	11,500	-------	-------
OTHER	11,700	-------	-------	-------	-------	-------	-------
NO REPORT	11,200	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	13,000	14,200	20,000	10,000	9,600	14,000	11,000
EDUCATIONAL INSTITUTIONS							
ACADEMIC	10,500	11,600	14,500	9,000	7,200	-------	-------
CALENDAR	14,900	15,000	20,000	9,000	7,400	-------	10,800
FEDERAL GOVERNMENT	13,500	14,500	20,900	11,700	11,000	-------	-------
OTHER GOVERNMENT	11,400	14,200	20,000	10,300	9,500	-------	-------
NONPROFIT ORGANIZATIONS	15,000	15,000	20,000	10,000	9,000	-------	-------
INDUSTRY AND BUSINESS	15,000	17,000	21,300	12,500	11,000	-------	13,000
SELF-EMPLOYED	20,000	20,000	30,000	15,000	14,000	-------	-------
OTHER	11,500	13,700	-------	8,500	8,400	-------	-------
NO REPORT	15,000	17,000	20,000	11,400	10,900	-------	-------
PSYCHOLOGY	13,200	14,500	-------	11,500	11,800	-------	-------
EDUCATIONAL INSTITUTIONS							
ACADEMIC	11,500	12,000	-------	10,500	10,000	-------	-------
CALENDAR	14,000	15,000	-------	12,000	11,000	-------	-------
FEDERAL GOVERNMENT	15,500	15,800	-------	14,000	-------	-------	-------
OTHER GOVERNMENT	12,800	14,300	-------	11,000	11,500	-------	-------
NONPROFIT ORGANIZATIONS	13,500	15,000	-------	10,800	13,000	-------	-------
INDUSTRY AND BUSINESS	16,800	19,000	-------	14,500	-------	-------	-------
SELF-EMPLOYED	21,000	23,000	-------	17,000	-------	-------	-------
OTHER	13,500	16,000	-------	12,000	-------	-------	-------
NO REPORT	14,800	15,000	-------	-------	-------	-------	-------
STATISTICS	14,900	16,000	-------	14,000	14,200	-------	-------
EDUCATIONAL INSTITUTIONS							
ACADEMIC	12,500	13,000	-------	10,600	-------	-------	-------
CALENDAR	14,800	16,200	-------	11,000	-------	-------	-------
FEDERAL GOVERNMENT	16,200	20,200	-------	15,800	15,600	-------	-------
OTHER GOVERNMENT	12,500	-------	-------	12,800	11,400	-------	-------
NONPROFIT ORGANIZATIONS	14,800	19,000	-------	13,200	13,700	-------	-------
INDUSTRY AND BUSINESS	15,300	19,200	-------	15,000	13,300	-------	-------
SELF-EMPLOYED	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------
ECONOMICS	15,000	15,800	-------	12,600	14,500	-------	15,200
EDUCATIONAL INSTITUTIONS							
ACADEMIC	12,400	13,500	-------	10,000	10,100	-------	-------
CALENDAR	15,700	16,800	-------	12,000	12,000	-------	-------
FEDERAL GOVERNMENT	17,000	19,000	-------	15,800	16,400	-------	-------
OTHER GOVERNMENT	16,000	19,000	-------	14,400	13,200	-------	-------
NONPROFIT ORGANIZATIONS	18,000	20,500	-------	16,000	15,600	-------	-------
INDUSTRY AND BUSINESS	18,000	23,800	-------	16,000	16,400	-------	-------
SELF-EMPLOYED	20,000	-------	-------	20,000	-------	-------	-------
OTHER	16,000	-------	-------	-------	-------	-------	-------
NO REPORT	14,000	-------	-------	-------	-------	-------	-------

APPENDIX TABLE A-14. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, TYPE OF EMPLOYER, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	12,000	13,500	-------	9,300	9,000	-------	-------
EDUCATIONAL INSTITUTIONS							
ACADEMIC	11,000	12,400	-------	8,700	8,000	-------	-------
CALENDAR	13,500	15,000	-------	10,000	9,000	-------	-------
FEDERAL GOVERNMENT	15,800	18,300	-------	13,500	11,000	-------	-------
OTHER GOVERNMENT	11,200	15,000	-------	10,800	9,000	-------	-------
NONPROFIT ORGANIZATIONS	14,500	16,600	-------	11,800	12,000	-------	-------
INDUSTRY AND BUSINESS	15,000	25,000	-------	14,000	-------	-------	-------
SELF-EMPLOYED	15,700	-------	-------	-------	-------	-------	-------
OTHER	13,000	-------	-------	-------	-------	-------	-------
NO REPORT	14,000	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE	12,000	13,000	-------	9,500	12,000	-------	12,000
EDUCATIONAL INSTITUTIONS							
ACADEMIC	10,800	12,000	-------	9,000	9,000	-------	11,500
CALENDAR	13,500	15,000	-------	10,000	-------	-------	-------
FEDERAL GOVERNMENT	17,000	18,800	-------	14,500	15,900	-------	-------
OTHER GOVERNMENT	15,000	19,000	-------	12,000	-------	-------	-------
NONPROFIT ORGANIZATIONS	17,500	20,000	-------	13,000	-------	-------	-------
INDUSTRY AND BUSINESS	15,000	18,500	-------	13,800	-------	-------	-------
SELF-EMPLOYED	-------	-------	-------	-------	-------	-------	-------
OTHER	13,500	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	12,700	12,800	-------	11,500	-------	-------	-------
EDUCATIONAL INSTITUTIONS							
ACADEMIC	12,000	12,000	-------	-------	-------	-------	-------
CALENDAR	13,500	13,500	-------	-------	-------	-------	-------
FEDERAL GOVERNMENT	16,400	16,400	-------	-------	-------	-------	-------
OTHER GOVERNMENT	-------	-------	-------	-------	-------	-------	-------
NONPROFIT ORGANIZATIONS	-------	-------	-------	-------	-------	-------	-------
INDUSTRY AND BUSINESS	-------	-------	-------	-------	-------	-------	-------
SELF-EMPLOYED	-------	-------	-------	-------	-------	-------	-------
OTHER	12,500	12,500	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	11,500	12,200	-------	9,000	9,000	-------	-------
EDUCATIONAL INSTITUTIONS							
ACADEMIC	11,200	12,000	-------	8,800	-------	-------	-------
CALENDAR	12,000	13,000	-------	9,500	-------	-------	-------
FEDERAL GOVERNMENT	13,500	-------	-------	-------	-------	-------	-------
OTHER GOVERNMENT	-------	-------	-------	-------	-------	-------	-------
NONPROFIT ORGANIZATIONS	7,800	10,900	-------	7,200	-------	-------	-------
INDUSTRY AND BUSINESS	16,000	-------	-------	-------	-------	-------	-------
SELF-EMPLOYED	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-15. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	13,200	15,000	20,000	12,000	12,000	14,000	12,400
RESEARCH AND DEVELOPMENT (A)	13,400	14,900	18,000	12,100	11,300	13,800	12,000
BASIC RESEARCH	13,000	14,000	17,000	10,500	9,000	------	10,900
APPLIED RESEARCH	13,800	15,500	19,000	12,500	12,000	15,000	12,100
MANAGEMENT OR ADMINISTRATION (B)	17,000	20,000	25,000	16,000	14,900	16,000	15,500
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,400	20,000	25,000	17,000	16,000	20,000	17,100
TEACHING	11,000	12,300	21,000	9,100	7,500	------	10,300
PRODUCTION AND INSPECTION	12,000	16,300	------	12,600	11,400	11,500	11,000
CONSULTING	14,400	15,000	20,000	12,500	14,000	------	15,000
EXPLORATION, FORECASTING, AND REPORTING	12,500	15,000	------	12,300	12,400	13,000	11,500
OTHER	12,000	16,000	11,200	12,000	11,100	------	11,000
NO REPORT	14,400	15,600	20,500	12,600	13,000	------	13,000
CHEMISTRY	13,500	15,600	12,000	13,000	12,000	13,800	12,000
RESEARCH AND DEVELOPMENT (A)	13,000	15,000	13,400	12,000	10,700	13,300	11,100
BASIC RESEARCH	12,400	14,400	------	10,300	8,400	------	10,500
APPLIED RESEARCH	13,800	15,400	------	12,500	11,400	------	11,700
MANAGEMENT OR ADMINISTRATION (B)	18,000	20,000	------	17,000	16,200	16,200	16,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,200	20,000	------	17,000	16,000	------	16,500
TEACHING	10,600	12,000	------	9,000	6,500	------	------
PRODUCTION AND INSPECTION	12,000	16,500	------	13,000	11,300	11,000	11,000
CONSULTING	15,100	18,000	------	15,900	14,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,100	15,400	------	11,800	11,000	------	------
OTHER	12,600	16,800	6,200	12,400	11,900	------	------
NO REPORT	14,500	16,000	------	14,000	13,000	------	13,000
EARTH & MARINE SCIENCES	12,900	14,000	------	12,000	13,000	14,500	12,000
RESEARCH AND DEVELOPMENT (A)	13,000	14,000	------	12,100	12,000	------	------
BASIC RESEARCH	12,800	13,900	------	11,800	11,000	------	------
APPLIED RESEARCH	13,000	14,800	------	12,300	12,300	------	------
MANAGEMENT OR ADMINISTRATION (B)	16,700	19,200	------	16,000	16,000	------	15,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,000	19,500	------	15,800	16,000	------	------
TEACHING	10,500	12,000	------	9,000	7,400	------	------
PRODUCTION AND INSPECTION	12,000	14,000	------	12,000	11,800	------	------
CONSULTING	14,200	20,000	------	14,000	14,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,600	14,300	------	12,300	12,600	------	11,500
OTHER	11,200	15,300	------	11,500	10,700	------	------
NO REPORT	14,300	15,000	------	13,200	14,200	------	------
ATMOSPHERIC & SPACE SCIENCES	13,400	16,100	------	13,700	13,000	13,000	12,000
RESEARCH AND DEVELOPMENT (A)	13,500	15,400	------	13,000	13,000	------	------
BASIC RESEARCH	13,000	15,000	------	12,000	12,000	------	------
APPLIED RESEARCH	13,700	16,000	------	13,500	13,200	------	------
MANAGEMENT OR ADMINISTRATION (B)	15,800	21,500	------	17,000	14,900	------	13,500
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	22,000	------	17,500	15,300	------	------
TEACHING	11,700	14,000	------	10,000	9,000	------	------
PRODUCTION AND INSPECTION	12,500	------	------	------	12,500	------	------
CONSULTING	14,000	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,600	------	------	13,200	12,600	------	11,300
OTHER	11,600	------	------	12,300	11,400	------	------
NO REPORT	13,800	------	------	15,000	13,400	------	------
PHYSICS	14,000	15,900	------	12,600	12,600	------	14,000
RESEARCH AND DEVELOPMENT (A)	14,400	15,600	------	13,500	12,300	------	13,500
BASIC RESEARCH	14,000	14,500	------	12,600	11,900	------	------
APPLIED RESEARCH	15,000	17,200	------	13,800	12,500	------	13,800
MANAGEMENT OR ADMINISTRATION (B)	20,000	23,000	------	18,000	16,800	------	20,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,800	23,600	------	18,500	17,500	------	------
TEACHING	10,800	12,500	------	9,400	7,500	------	------
PRODUCTION AND INSPECTION	12,300	------	------	12,200	12,000	------	------
CONSULTING	17,700	20,000	------	16,000	15,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	11,500	15,000	------	12,000	10,600	------	------
OTHER	13,200	16,600	------	12,500	12,300	------	------
NO REPORT	15,000	16,000	------	13,000	13,800	------	------
MATHEMATICS	13,000	14,000	------	11,400	15,000	------	15,000
RESEARCH AND DEVELOPMENT (A)	14,400	15,000	------	14,000	14,000	------	13,200
BASIC RESEARCH	12,500	13,000	------	11,000	12,000	------	------
APPLIED RESEARCH	15,000	17,500	------	14,400	14,300	------	------
MANAGEMENT OR ADMINISTRATION (B)	18,500	20,800	------	18,000	18,000	------	18,800
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	23,000	------	19,300	18,400	------	20,000
TEACHING	10,000	12,000	------	8,900	7,500	------	------
PRODUCTION AND INSPECTION	12,200	------	------	12,500	12,200	------	------
CONSULTING	17,000	19,300	------	16,000	18,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	13,000	16,000	------	12,600	13,000	------	------
OTHER	14,000	18,600	------	13,600	13,700	------	------
NO REPORT	14,000	15,000	------	11,800	16,000	------	------

APPENDIX TABLE A-15. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	14,100	18,100	-------	14,400	13,800	-------	13,500
RESEARCH AND DEVELOPMENT (A)	13,800	18,000	-------	14,000	13,500	-------	13,000
BASIC RESEARCH	13,500	16,000	-------	13,000	12,500	-------	-------
APPLIED RESEARCH	14,000	18,200	-------	14,100	13,500	-------	13,000
MANAGEMENT OR ADMINISTRATION (B)	17,100	21,000	-------	17,400	16,500	-------	15,200
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	21,000	-------	18,000	17,200	-------	16,000
TEACHING	12,800	14,000	-------	11,000	11,500	-------	-------
PRODUCTION AND INSPECTION	13,000	-------	-------	-------	12,600	-------	-------
CONSULTING	14,400	-------	-------	15,300	14,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,500	-------	-------	12,600	12,400	-------	11,000
OTHER	13,000	-------	-------	13,000	13,000	-------	-------
NO REPORT	14,200	-------	-------	14,900	14,000	-------	-------
AGRICULTURAL SCIENCES	11,000	14,400	-------	10,900	10,000	-------	9,200
RESEARCH AND DEVELOPMENT (A)	11,600	13,600	-------	10,100	10,000	-------	-------
BASIC RESEARCH	11,200	13,500	-------	9,600	9,100	-------	-------
APPLIED RESEARCH	11,800	13,800	-------	10,300	10,000	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	10,600	18,000	-------	11,400	10,000	-------	9,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	12,500	18,000	-------	11,600	10,200	-------	-------
TEACHING	12,200	13,600	-------	11,000	9,900	-------	-------
PRODUCTION AND INSPECTION	9,100	-------	-------	-------	9,000	-------	-------
CONSULTING	9,000	-------	-------	-------	8,900	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	10,300	-------	-------	10,400	10,000	-------	-------
OTHER	10,300	13,600	-------	11,000	9,600	-------	-------
NO REPORT	11,800	15,000	-------	12,000	10,100	-------	-------
BIOLOGICAL SCIENCES	13,000	14,200	20,000	10,000	9,600	14,000	11,000
RESEARCH AND DEVELOPMENT (A)	13,500	14,000	18,000	10,000	9,100	-------	10,000
BASIC RESEARCH	13,500	14,000	17,000	8,800	8,100	-------	9,700
APPLIED RESEARCH	13,700	14,400	19,000	10,800	10,000	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,900	19,000	25,000	12,800	12,000	-------	14,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,500	19,500	25,000	13,500	13,100	-------	-------
TEACHING	11,000	12,500	21,000	9,000	7,300	-------	-------
PRODUCTION AND INSPECTION	9,700	-------	-------	10,000	9,100	-------	-------
CONSULTING	15,000	18,000	20,000	10,000	9,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,000	14,000	-------	11,300	10,000	-------	-------
OTHER	10,700	14,700	12,600	10,200	9,500	-------	-------
NO REPORT	15,000	15,500	21,000	10,800	10,600	-------	-------
PSYCHOLOGY	13,200	14,500	-------	11,500	11,800	-------	-------
RESEARCH AND DEVELOPMENT (A)	12,800	14,400	-------	11,500	12,100	-------	-------
BASIC RESEARCH	13,300	13,800	-------	10,000	-------	-------	-------
APPLIED RESEARCH	12,500	14,900	-------	11,500	12,400	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,000	17,100	-------	14,000	14,700	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,700	18,500	-------	15,000	-------	-------	-------
TEACHING	12,000	12,200	-------	9,500	9,200	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	13,200	14,800	-------	11,000	11,500	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	13,200	13,900	-------	-------	-------	-------	-------
OTHER	13,600	14,600	-------	12,000	-------	-------	-------
NO REPORT	13,800	15,000	-------	12,000	-------	-------	-------
STATISTICS	14,900	16,000	-------	14,000	14,200	-------	-------
RESEARCH AND DEVELOPMENT (A)	14,400	16,600	-------	13,300	13,200	-------	-------
BASIC RESEARCH	14,500	15,300	-------	13,800	-------	-------	-------
APPLIED RESEARCH	14,400	17,600	-------	13,300	13,500	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	21,500	-------	17,500	16,300	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,500	22,000	-------	18,000	16,500	-------	-------
TEACHING	13,000	13,700	-------	10,500	-------	-------	-------
PRODUCTION AND INSPECTION	13,300	-------	-------	13,500	13,300	-------	-------
CONSULTING	15,300	16,800	-------	14,700	14,400	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	13,000	-------	-------	13,000	12,200	-------	-------
OTHER	14,400	-------	-------	13,500	-------	-------	-------
NO REPORT	15,800	17,000	-------	14,000	-------	-------	-------
ECONOMICS	15,000	15,800	-------	12,600	14,500	-------	15,200
RESEARCH AND DEVELOPMENT (A)	14,900	16,000	-------	12,700	13,000	-------	-------
BASIC RESEARCH	14,000	15,200	-------	11,400	11,400	-------	-------
APPLIED RESEARCH	15,000	16,000	-------	13,100	13,500	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	19,600	21,000	-------	17,600	18,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	21,000	-------	18,000	18,000	-------	-------
TEACHING	12,500	13,900	-------	10,000	10,000	-------	-------
PRODUCTION AND INSPECTION	13,600	-------	-------	13,000	12,000	-------	-------
CONSULTING	19,000	20,700	-------	18,000	19,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	14,600	18,000	-------	14,000	13,000	-------	-------
OTHER	16,000	18,500	-------	13,500	13,900	-------	-------
NO REPORT	16,000	16,500	-------	14,300	-------	-------	-------

APPENDIX TABLE A-15. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	12,000	13,500	-------	9,300	9,000	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,000	14,500	-------	10,000	9,600	-------	-------
BASIC RESEARCH	13,000	14,000	-------	9,300	9,500	-------	-------
APPLIED RESEARCH	13,500	15,300	-------	10,500	10,000	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,000	18,000	-------	13,000	11,500	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,000	18,000	-------	13,500	-------	-------	-------
TEACHING	11,000	12,100	-------	8,800	7,600	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	10,600	-------	-------	-------	-------	-------	-------
OTHER	10,000	-------	-------	9,200	-------	-------	-------
NO REPORT	13,300	14,000	-------	9,000	-------	-------	-------
POLITICAL SCIENCE	12,000	13,000	-------	9,500	12,000	-------	12,000
RESEARCH AND DEVELOPMENT (A)	12,400	13,000	-------	10,500	-------	-------	-------
BASIC RESEARCH	12,000	12,600	-------	9,100	-------	-------	-------
APPLIED RESEARCH	13,200	15,000	-------	11,800	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	19,500	-------	14,500	17,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,300	20,000	-------	15,300	-------	-------	-------
TEACHING	10,800	12,000	-------	9,000	9,000	-------	11,400
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	17,000	-------	-------	15,000	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,100	14,000	-------	11,000	-------	-------	-------
OTHER	15,000	16,600	-------	10,200	-------	-------	-------
NO REPORT	13,700	14,700	-------	10,000	-------	-------	-------
ANTHROPOLOGY	12,700	12,800	-------	11,500	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,500	13,500	-------	-------	-------	-------	-------
BASIC RESEARCH	13,100	13,000	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,700	13,700	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,500	18,000	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,500	18,000	-------	-------	-------	-------	-------
TEACHING	12,000	12,000	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	11,600	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------
NO REPORT	16,500	16,500	-------	-------	-------	-------	-------
LINGUISTICS	11,500	12,200	-------	9,000	9,000	-------	-------
RESEARCH AND DEVELOPMENT (A)	11,500	14,000	-------	8,800	-------	-------	-------
BASIC RESEARCH	12,000	13,500	-------	-------	-------	-------	-------
APPLIED RESEARCH	10,800	15,000	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,000	17,000	-------	12,300	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,500	18,000	-------	-------	-------	-------	-------
TEACHING	11,000	11,500	-------	9,000	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	9,600	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,000	13,300	-------	-------	-------	-------	-------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-16. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	13,200	11,000	13,500	13,500	11,200	14,700	14,700	18,000	12,600	14,000
24 AND UNDER	7,900	5,900	3,600	8,700	7,000	7,200	9,000	-------	-------	-------
25-29	9,600	8,500	8,000	9,900	8,100	9,400	10,800	11,000	8,600	9,100
30-34	11,500	10,000	11,400	11,800	10,000	12,500	13,500	15,000	11,200	12,000
35-39	13,400	11,000	13,700	13,000	11,400	15,000	15,000	18,000	13,000	13,600
40-44	15,000	12,200	15,500	14,500	12,300	16,500	16,000	18,000	14,100	15,700
45-49	16,000	13,000	17,000	15,300	12,700	18,000	17,000	20,000	16,000	16,400
50-54	16,400	13,500	17,500	16,000	13,200	18,500	18,000	20,000	15,800	15,600
55-59	16,200	13,500	17,500	16,700	13,000	18,000	18,000	20,000	15,500	20,000
60-64	16,200	13,500	17,500	17,100	13,700	18,000	18,000	20,000	15,000	16,500
65-69	16,000	14,000	17,500	18,000	14,200	16,000	16,400	19,500	-------	15,700
70 AND OVER	14,000	12,000	14,000	18,000	14,900	18,000	14,500	15,000	-------	-------
NO REPORT	11,400	10,000	12,000	12,900	10,800	11,500	12,000	-------	-------	-------
CHEMISTRY	13,500	10,500	11,000	13,500	10,800	13,200	14,400	17,000	12,000	13,800
24 AND UNDER	8,000	5,200	3,300	8,800	6,600	7,000	9,000	-------	-------	-------
25-29	9,800	8,100	6,500	10,200	8,500	8,300	10,500	-------	8,900	9,700
30-34	12,000	10,000	10,300	12,000	10,000	11,500	13,000	14,000	11,500	12,000
35-39	14,000	11,000	13,000	13,300	10,800	13,500	14,700	15,000	11,500	14,000
40-44	15,000	12,000	14,600	14,200	11,600	15,000	15,500	18,000	14,000	14,500
45-49	16,200	12,600	17,000	15,300	12,000	16,800	16,800	20,000	15,500	16,000
50-54	17,000	13,500	17,800	15,800	13,000	17,000	17,500	20,000	15,500	15,000
55-59	16,500	13,000	16,000	16,300	12,000	17,000	17,000	20,000	15,600	-------
60-64	16,000	13,000	17,000	16,000	12,500	16,000	17,000	17,000	-------	-------
65-69	15,000	13,000	17,000	17,000	11,000	-------	15,000	15,000	-------	-------
70 AND OVER	14,700	-------	-------	-------	-------	-------	15,000	-------	-------	-------
NO REPORT	11,000	-------	-------	-------	-------	-------	12,000	-------	-------	-------
EARTH & MARINE SCIENCES	12,900	10,700	12,400	13,400	11,000	13,000	13,500	15,000	12,300	12,600
24 AND UNDER	8,000	6,100	-------	8,100	-------	-------	9,000	-------	-------	-------
25-29	9,300	8,000	8,800	9,500	8,600	-------	10,000	-------	-------	-------
30-34	10,800	9,700	10,400	11,500	9,900	12,000	11,600	12,500	-------	-------
35-39	12,200	10,800	12,100	12,500	11,600	13,000	13,000	15,000	-------	-------
40-44	14,000	11,600	14,000	14,000	12,000	17,000	14,400	15,000	-------	-------
45-49	15,000	12,800	16,000	15,000	12,000	17,000	15,000	15,300	-------	-------
50-54	15,600	13,100	16,500	15,300	14,000	-------	17,300	15,000	-------	-------
55-59	17,000	14,000	17,200	17,200	12,100	-------	18,000	18,000	-------	-------
60-64	16,600	14,400	17,500	16,700	-------	-------	19,000	24,000	-------	-------
65-69	17,000	15,000	-------	17,200	-------	-------	20,200	-------	-------	-------
70 AND OVER	16,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,100	-------	-------	-------	-------	-------	12,000	-------	-------	-------
ATMOSPHERIC & SPACE SCIENCES	13,400	12,000	12,800	13,400	10,900	14,600	13,700	-------	-------	-------
24 AND UNDER	8,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	9,900	-------	8,400	10,000	-------	-------	10,000	-------	-------	-------
30-34	11,900	-------	11,900	12,000	-------	-------	12,000	-------	-------	-------
35-39	13,100	-------	12,600	13,100	-------	-------	14,000	-------	-------	-------
40-44	14,000	-------	15,500	14,000	-------	-------	14,000	-------	-------	-------
45-49	14,800	15,000	18,000	14,000	-------	16,000	15,000	-------	-------	-------
50-54	14,100	15,100	-------	14,100	-------	-------	13,900	-------	-------	-------
55-59	14,100	-------	-------	14,100	-------	-------	15,000	-------	-------	-------
60-64	13,800	-------	-------	13,500	-------	-------	-------	-------	-------	-------
65-69	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHYSICS	14,000	11,000	12,000	14,500	11,300	16,800	16,200	18,500	7,500	14,600
24 AND UNDER	8,700	6,400	-------	-------	-------	-------	9,500	-------	-------	-------
25-29	10,200	8,200	9,000	11,300	-------	11,500	11,500	-------	-------	-------
30-34	12,500	10,000	11,000	13,000	-------	13,900	15,000	-------	-------	-------
35-39	15,000	11,500	14,000	15,000	-------	16,800	17,000	-------	-------	-------
40-44	17,500	13,500	17,000	17,400	-------	19,800	19,900	20,000	-------	-------
45-49	18,200	13,600	18,000	18,000	-------	20,500	20,000	-------	-------	-------
50-54	18,600	14,000	20,000	19,300	-------	21,600	20,400	-------	-------	-------
55-59	18,000	13,500	18,800	20,000	-------	22,500	21,000	-------	-------	-------
60-64	17,900	13,200	17,000	21,500	-------	-------	20,500	-------	-------	-------
65-69	15,900	13,600	17,300	19,500	-------	-------	19,400	-------	-------	-------
70 AND OVER	14,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	12,400	-------	-------	-------	-------	-------	14,500	-------	-------	-------
MATHEMATICS	13,000	10,200	12,000	15,300	13,100	18,000	16,800	21,000	14,000	13,200
24 AND UNDER	8,500	7,400	-------	-------	-------	-------	10,500	-------	-------	-------
25-29	9,800	8,400	8,700	11,500	10,000	12,800	12,600	-------	10,100	-------
30-34	12,000	10,000	11,000	14,000	11,100	15,300	15,300	-------	14,000	-------
35-39	14,500	11,000	12,500	15,300	12,900	18,200	17,600	20,000	14,900	-------
40-44	16,200	12,000	15,500	17,400	14,500	20,000	19,800	22,000	14,800	-------
45-49	17,000	12,500	15,500	18,000	14,400	22,200	20,000	-------	-------	-------
50-54	16,000	13,000	14,000	18,000	-------	24,600	21,500	-------	-------	-------
55-59	15,500	12,300	15,000	18,000	-------	-------	22,200	-------	-------	-------
60-64	14,800	12,000	16,000	18,400	-------	-------	24,000	-------	-------	-------
65-69	14,000	13,000	15,200	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	11,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

APPENDIX TABLE A-16. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	14,100	12,000	12,800	13,700	12,700	15,100	14,400	-------	13,300	-------
24 AND UNDER	10,500	-------	-------	-------	-------	-------	10,900	-------	-------	-------
25-29	11,900	10,000	10,200	12,000	-------	12,000	12,000	-------	-------	-------
30-34	13,800	12,000	12,000	13,400	12,000	14,000	14,000	-------	-------	-------
35-39	15,700	13,500	16,500	14,400	-------	16,500	16,000	-------	-------	-------
40-44	17,400	-------	15,600	16,700	-------	19,000	17,500	-------	-------	-------
45-49	17,000	-------	-------	15,300	-------	18,000	17,300	-------	-------	-------
50-54	17,400	-------	-------	-------	-------	-------	17,300	-------	-------	-------
55-59	18,000	-------	-------	-------	-------	-------	18,000	-------	-------	-------
60-64	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
65-69	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
AGRICULTURAL SCIENCES	11,000	10,500	13,200	10,900	9,300	12,000	10,800	12,000	11,700	11,200
24 AND UNDER	6,700	-------	-------	6,700	6,600	-------	-------	-------	-------	-------
25-29	8,000	8,000	8,700	8,100	7,500	-------	8,100	-------	-------	-------
30-34	9,600	-------	11,300	9,600	8,500	-------	9,600	12,000	-------	-------
35-39	10,800	-------	12,200	10,600	9,500	-------	11,000	-------	-------	-------
40-44	12,000	11,000	13,800	12,200	10,200	-------	11,900	-------	-------	-------
45-49	13,000	11,000	14,700	12,900	10,500	-------	13,000	15,000	-------	-------
50-54	14,000	11,700	16,000	14,000	11,000	-------	13,800	-------	-------	-------
55-59	14,900	-------	16,600	15,000	11,400	-------	14,500	-------	-------	-------
60-64	15,000	-------	15,500	15,200	11,900	-------	15,000	-------	-------	-------
65-69	14,500	-------	15,800	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	10,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	13,000	10,500	14,900	13,500	11,400	15,000	15,000	20,000	11,500	15,000
24 AND UNDER	6,400	6,200	6,000	-------	-------	-------	-------	-------	-------	-------
25-29	7,600	7,500	7,300	8,600	7,400	7,200	9,500	-------	-------	7,600
30-34	10,400	9,600	11,000	11,400	9,600	10,000	13,000	15,000	9,000	10,000
35-39	12,800	10,500	14,000	12,500	11,400	14,500	15,000	23,000	-------	14,000
40-44	14,800	11,500	16,200	14,000	12,300	17,000	16,200	24,000	13,500	18,000
45-49	16,000	12,000	17,800	15,000	13,800	19,000	17,000	24,000	-------	19,700
50-54	17,000	12,700	19,000	16,400	13,500	21,000	18,100	20,000	-------	19,600
55-59	16,800	12,500	19,100	16,000	13,000	20,000	20,000	25,000	-------	23,900
60-64	17,500	13,500	18,500	18,000	17,000	21,500	20,000	20,000	-------	-------
65-69	18,000	14,200	19,000	20,000	21,000	24,000	-------	-------	-------	-------
70 AND OVER	16,000	-------	13,500	-------	-------	-------	-------	-------	-------	-------
NO REPORT	10,600	9,800	11,000	-------	-------	-------	-------	-------	-------	-------
PSYCHOLOGY	13,200	11,500	14,000	15,500	12,800	13,500	16,800	21,000	13,500	14,800
24 AND UNDER	7,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	10,000	9,600	10,800	11,600	10,000	10,000	12,000	-------	-------	-------
30-34	11,500	10,400	12,400	13,400	11,700	12,300	14,600	20,000	11,200	-------
35-39	13,300	11,500	14,000	14,500	13,000	14,000	16,800	20,000	14,000	-------
40-44	14,500	12,400	15,000	16,000	13,600	15,000	19,000	24,000	15,500	-------
45-49	15,000	12,900	15,500	16,200	13,800	15,300	20,000	21,000	-------	-------
50-54	15,000	13,300	15,700	16,800	13,200	15,000	19,200	23,000	-------	-------
55-59	15,000	13,100	15,800	16,200	13,300	14,500	20,000	20,000	-------	-------
60-64	14,600	13,300	16,000	16,000	13,500	13,000	22,500	18,000	-------	-------
65-69	15,000	15,000	16,000	-------	13,200	-------	-------	-------	-------	-------
70 AND OVER	11,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,500	10,300	-------	-------	-------	-------	-------	-------	-------	-------
STATISTICS	14,900	12,500	14,800	16,200	12,500	14,800	15,300	-------	-------	-------
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	11,000	10,500	12,000	11,200	-------	-------	12,000	-------	-------	-------
30-34	12,700	11,000	13,500	12,600	11,400	-------	14,300	-------	-------	-------
35-39	15,000	13,100	15,000	14,000	-------	-------	16,200	-------	-------	-------
40-44	16,000	14,500	17,000	15,800	-------	14,500	17,400	-------	-------	-------
45-49	18,000	17,000	20,000	18,000	-------	-------	17,500	-------	-------	-------
50-54	17,400	17,400	17,500	18,000	-------	-------	17,000	-------	-------	-------
55-59	17,700	-------	-------	19,700	-------	-------	-------	-------	-------	-------
60-64	18,000	-------	-------	19,000	-------	-------	-------	-------	-------	-------
65-69	15,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMICS	15,000	12,400	15,700	17,000	16,000	18,000	18,000	20,000	16,000	14,000
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	10,500	10,000	11,000	10,300	12,300	13,000	11,200	-------	-------	-------
30-34	12,200	11,000	13,000	13,300	13,700	15,000	15,000	-------	-------	-------
35-39	14,000	12,000	15,000	15,500	15,800	17,000	18,000	-------	-------	-------
40-44	16,000	13,700	16,000	18,100	17,700	19,200	20,000	-------	-------	-------
45-49	17,200	14,300	17,500	19,000	18,100	21,000	22,000	-------	-------	-------
50-54	18,000	15,000	19,000	20,000	19,000	24,000	22,500	-------	-------	-------
55-59	18,000	15,000	18,200	19,600	18,100	24,000	23,000	-------	-------	-------
60-64	18,000	15,000	18,200	20,700	-------	-------	25,000	-------	-------	-------
65-69	17,000	15,000	18,000	19,000	-------	-------	-------	-------	-------	-------
70 AND OVER	15,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

APPENDIX TABLE A-16. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	12,000	11,000	13,500	15,800	11,200	14,500	15,000	15,700	13,000	14,000
24 AND UNDER	7,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	8,700	8,300	9,700	8,400	8,400	9,200	-------	-------	-------	-------
30-34	10,300	9,800	11,500	11,800	11,000	12,000	-------	-------	-------	-------
35-39	11,700	11,000	13,000	-------	12,000	14,500	-------	-------	-------	-------
40-44	13,000	12,000	15,500	17,900	-------	15,000	-------	-------	-------	-------
45-49	14,300	13,000	16,000	17,500	13,700	16,000	-------	-------	-------	-------
50-54	14,700	13,000	16,900	18,000	-------	15,900	-------	-------	-------	-------
55-59	15,400	15,000	16,500	18,300	-------	-------	-------	-------	-------	-------
60-64	15,000	14,000	15,000	-------	-------	-------	-------	-------	-------	-------
65-69	14,700	13,000	16,300	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	13,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE	12,000	10,800	13,500	17,000	15,000	17,500	15,000	-------	13,500	-------
24 AND UNDER	7,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	9,100	9,000	9,400	10,200	8,600	9,000	-------	-------	-------	-------
30-34	10,000	9,700	10,500	13,800	-------	-------	-------	-------	-------	-------
35-39	11,600	10,900	13,000	16,300	-------	17,500	-------	-------	-------	-------
40-44	13,500	12,400	16,000	17,400	-------	20,000	-------	-------	-------	-------
45-49	15,500	14,000	18,000	19,300	-------	21,000	-------	-------	-------	-------
50-54	15,800	14,000	17,000	20,200	-------	-------	-------	-------	-------	-------
55-59	17,000	15,000	18,400	22,000	-------	-------	-------	-------	-------	-------
60-64	17,600	16,000	20,000	-------	-------	-------	-------	-------	-------	-------
65-69	17,000	15,200	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	12,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	12,700	12,000	13,500	16,400	-------	-------	-------	-------	12,500	-------
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	9,500	9,700	-------	-------	-------	-------	-------	-------	-------	-------
30-34	10,300	10,000	11,000	-------	-------	-------	-------	-------	-------	-------
35-39	11,300	11,000	12,000	-------	-------	-------	-------	-------	-------	-------
40-44	13,500	13,000	14,200	-------	-------	-------	-------	-------	-------	-------
45-49	15,000	14,000	15,500	-------	-------	-------	-------	-------	-------	-------
50-54	16,000	16,000	15,800	-------	-------	-------	-------	-------	-------	-------
55-59	17,300	18,000	-------	-------	-------	-------	-------	-------	-------	-------
60-64	18,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
65-69	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	11,500	11,200	12,000	13,500	-------	7,800	16,000	-------	-------	-------
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	9,000	9,000	-------	-------	-------	-------	-------	-------	-------	-------
30-34	9,800	9,800	9,500	-------	-------	-------	-------	-------	-------	-------
35-39	10,800	10,700	11,000	-------	-------	-------	-------	-------	-------	-------
40-44	12,000	12,000	12,700	-------	-------	-------	-------	-------	-------	-------
45-49	13,000	12,900	14,500	-------	-------	-------	-------	-------	-------	-------
50-54	14,000	13,700	15,500	-------	-------	-------	-------	-------	-------	-------
55-59	16,000	15,700	-------	-------	-------	-------	-------	-------	-------	-------
60-64	16,000	16,000	-------	-------	-------	-------	-------	-------	-------	-------
65-69	16,100	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-17A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	13,200	11,000	13,500	13,500	11,200	14,700	14,700	18,000	12,600	14,000
RESEARCH AND DEVELOPMENT (A)	13,400	12,000	12,700	13,400	11,000	14,100	14,000	16,100	11,500	14,000
BASIC RESEARCH	13,000	12,000	12,000	13,500	11,200	13,500	15,000	14,400	10,200	13,000
APPLIED RESEARCH	13,800	11,900	13,700	13,000	11,000	15,000	14,300	17,000	12,300	14,000
MANAGEMENT OR ADMINISTRATION (B)	17,000	15,000	18,000	15,300	12,000	18,000	18,000	16,000	16,000	16,500
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,400	16,500	18,900	18,000	12,500	20,000	18,700	19,000	16,600	17,000
TEACHING	11,000	10,500	13,000	12,500	11,500	14,500	13,800	15,000	9,000	11,800
PRODUCTION AND INSPECTION	12,000	-------	10,000	11,600	9,800	10,000	12,000	15,000	11,300	12,000
CONSULTING	14,400	11,500	12,500	14,900	11,400	12,500	16,000	20,000	14,800	14,700
EXPLORATION, FORECASTING, AND REPORTING	12,500	12,000	11,000	12,500	10,500	12,500	12,700	15,000	11,300	13,300
OTHER	12,000	11,000	12,000	12,000	10,000	12,000	13,000	16,200	12,000	12,000
NO REPORT	14,400	11,900	15,000	13,800	11,800	15,000	15,600	18,500	13,100	14,400
CHEMISTRY	13,500	10,500	11,000	13,500	10,800	13,200	14,400	17,000	12,000	13,800
RESEARCH AND DEVELOPMENT (A)	13,000	10,800	8,000	13,300	10,500	12,500	13,600	15,000	10,700	13,000
BASIC RESEARCH	12,400	10,700	7,500	13,400	10,300	11,600	14,400	-------	8,600	12,000
APPLIED RESEARCH	13,800	11,000	12,100	13,300	10,900	13,000	14,000	-------	11,000	13,500
MANAGEMENT OR ADMINISTRATION (B)	18,000	14,500	18,100	17,100	13,200	18,000	18,000	18,000	15,000	17,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,200	15,300	19,000	18,000	14,000	19,500	18,200	17,400	15,900	15,600
TEACHING	10,600	10,400	12,000	10,900	8,000	-------	13,200	-------	8,500	-------
PRODUCTION AND INSPECTION	12,000	-------	9,300	11,600	9,800	10,000	12,000	15,000	11,300	12,000
CONSULTING	15,100	-------	-------	15,000	-------	13,500	15,000	18,500	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,100	-------	-------	12,600	-------	11,500	12,000	-------	-------	-------
OTHER	12,600	-------	7,300	12,000	10,300	9,600	13,500	20,000	14,000	-------
NO REPORT	14,500	11,000	13,000	13,600	11,500	12,000	15,300	-------	-------	-------
EARTH & MARINE SCIENCES	12,900	10,700	12,400	13,400	11,000	13,000	13,500	15,000	12,300	12,600
RESEARCH AND DEVELOPMENT (A)	13,000	12,500	12,000	13,300	10,800	13,000	13,800	-------	10,500	-------
BASIC RESEARCH	12,800	12,500	12,000	13,900	10,900	12,000	14,000	-------	10,400	-------
APPLIED RESEARCH	13,000	-------	11,800	13,000	10,500	15,000	13,800	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,700	15,500	17,500	15,800	13,200	17,000	18,000	18,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,000	17,000	18,000	16,900	13,500	20,000	17,500	-------	-------	-------
TEACHING	10,500	10,500	12,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	12,000	-------	-------	11,000	10,000	-------	12,000	15,000	-------	-------
CONSULTING	14,200	-------	-------	-------	-------	-------	14,000	15,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,600	-------	-------	12,200	10,200	11,000	12,800	15,000	-------	-------
OTHER	11,200	-------	-------	11,300	10,400	-------	11,700	-------	-------	-------
NO REPORT	14,300	12,400	14,800	13,200	10,000	-------	15,500	18,000	-------	-------
ATMOSPHERIC & SPACE SCIENCES	13,400	12,000	12,800	13,400	10,900	14,600	13,700	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,500	13,000	12,000	13,500	-------	13,500	14,000	-------	-------	-------
BASIC RESEARCH	13,000	12,400	12,000	13,400	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,700	-------	11,500	13,700	-------	13,600	14,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	15,800	-------	18,400	15,400	-------	17,700	16,800	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	-------	17,400	-------	-------	18,000	-------	-------	-------
TEACHING	11,700	11,000	12,600	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	12,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	14,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,600	-------	-------	12,900	-------	-------	12,000	-------	-------	-------
OTHER	11,600	-------	-------	11,600	-------	-------	13,100	-------	-------	-------
NO REPORT	13,800	-------	-------	13,400	-------	-------	-------	-------	-------	-------
PHYSICS	14,000	11,000	12,000	14,500	11,300	16,800	16,200	18,500	7,500	14,600
RESEARCH AND DEVELOPMENT (A)	14,400	12,700	11,000	13,500	8,500	15,800	15,300	16,000	-------	-------
BASIC RESEARCH	14,000	12,700	10,800	14,000	-------	15,200	16,600	-------	-------	-------
APPLIED RESEARCH	15,000	13,000	14,000	13,400	-------	16,100	15,300	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	20,000	16,600	18,100	19,000	16,200	20,400	21,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,800	20,000	20,000	19,600	-------	20,900	21,000	-------	-------	-------
TEACHING	10,800	10,600	12,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	12,300	-------	-------	-------	-------	-------	12,300	-------	-------	-------
CONSULTING	17,700	-------	-------	17,600	-------	-------	17,700	20,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	11,500	-------	10,000	12,200	-------	14,300	11,200	-------	-------	-------
OTHER	13,200	-------	-------	15,100	-------	-------	12,800	-------	-------	-------
NO REPORT	15,000	12,000	14,500	15,500	-------	-------	17,200	-------	-------	-------
MATHEMATICS	13,000	10,200	12,000	15,300	13,100	18,000	16,800	21,000	14,000	13,200
RESEARCH AND DEVELOPMENT (A)	14,400	11,800	12,000	14,000	13,300	17,000	15,200	-------	12,400	-------
BASIC RESEARCH	12,500	11,500	11,700	13,800	-------	16,000	16,600	-------	-------	-------
APPLIED RESEARCH	15,000	12,500	13,500	14,100	-------	17,100	15,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,500	15,000	16,600	18,400	15,300	21,000	19,200	-------	17,200	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	17,200	17,800	19,000	16,000	22,000	20,000	-------	-------	-------
TEACHING	10,000	10,000	10,200	13,000	11,300	-------	15,000	-------	8,000	-------
PRODUCTION AND INSPECTION	12,200	-------	-------	-------	-------	-------	12,000	-------	-------	-------
CONSULTING	17,000	-------	-------	16,900	-------	-------	17,000	22,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	13,000	-------	11,000	12,600	10,500	15,000	13,300	-------	-------	-------
OTHER	14,000	10,500	11,400	14,200	-------	-------	14,300	-------	-------	-------
NO REPORT	14,000	10,300	14,300	15,300	-------	-------	17,500	-------	-------	-------

APPENDIX TABLE A-17A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	14,100	12,000	12,800	13,700	12,700	15,100	14,400	-------	13,300	-------
RESEARCH AND DEVELOPMENT (A)	13,800	12,000	12,000	13,500	13,000	15,300	14,000	-------	-------	-------
BASIC RESEARCH	13,500	-------	-------	-------	-------	-------	13,000	-------	-------	-------
APPLIED RESEARCH	14,000	-------	11,600	13,900	-------	15,300	14,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,100	-------	16,500	16,200	-------	17,500	17,400	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	17,900	18,000	-------	18,700	18,000	-------	-------	-------
TEACHING	12,800	12,000	14,300	-------	-------	-------	14,400	-------	-------	-------
PRODUCTION AND INSPECTION	13,000	-------	-------	-------	-------	-------	13,000	-------	-------	-------
CONSULTING	14,400	-------	-------	-------	-------	-------	14,500	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,500	-------	11,200	12,200	11,400	13,200	12,600	-------	-------	-------
OTHER	13,000	-------	-------	13,000	-------	-------	13,200	-------	-------	-------
NO REPORT	14,200	-------	-------	-------	-------	-------	14,500	-------	-------	-------
AGRICULTURAL SCIENCES	11,000	10,500	13,200	10,900	9,300	12,000	10,800	12,000	11,700	11,200
RESEARCH AND DEVELOPMENT (A)	11,600	-------	12,900	11,600	9,000	-------	11,400	-------	-------	-------
BASIC RESEARCH	11,200	-------	12,500	11,400	8,500	-------	-------	-------	-------	-------
APPLIED RESEARCH	11,800	-------	13,000	11,800	9,200	-------	11,400	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	10,600	-------	17,000	10,800	9,400	13,000	10,800	13,000	13,200	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	12,500	-------	18,000	14,000	9,600	17,000	14,100	-------	-------	-------
TEACHING	12,200	10,500	13,000	12,200	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	9,100	-------	-------	8,900	-------	-------	9,600	-------	-------	-------
CONSULTING	9,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	10,300	-------	-------	10,400	9,700	-------	-------	-------	-------	-------
OTHER	10,300	-------	12,700	10,300	8,600	-------	9,700	-------	-------	-------
NO REPORT	11,800	-------	14,500	11,000	9,000	-------	11,400	-------	-------	-------
BIOLOGICAL SCIENCES	13,000	10,500	14,900	13,500	11,400	15,000	15,000	20,000	11,500	15,000
RESEARCH AND DEVELOPMENT (A)	13,500	13,000	14,000	12,800	11,300	14,000	14,000	15,000	11,000	14,900
BASIC RESEARCH	13,500	13,000	13,800	13,000	12,000	13,800	14,800	-------	10,400	13,000
APPLIED RESEARCH	13,700	12,000	15,000	12,600	11,000	15,000	13,900	-------	-------	16,000
MANAGEMENT OR ADMINISTRATION (B)	16,900	14,700	20,000	15,300	12,000	19,300	17,000	14,000	15,500	19,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,500	16,800	20,500	18,000	12,600	20,000	18,500	-------	-------	19,000
TEACHING	11,000	10,100	14,000	14,000	12,000	20,000	-------	-------	-------	12,000
PRODUCTION AND INSPECTION	9,700	-------	-------	-------	-------	-------	10,000	-------	-------	-------
CONSULTING	15,000	-------	14,500	18,400	10,200	10,800	15,200	25,000	-------	15,800
EXPLORATION, FORECASTING, AND REPORTING	12,000	-------	13,100	11,800	9,600	-------	12,500	-------	-------	-------
OTHER	10,700	9,800	12,000	10,600	9,800	9,600	10,800	-------	-------	-------
NO REPORT	15,000	12,400	16,000	13,500	12,600	16,500	15,000	-------	-------	17,500
PSYCHOLOGY	13,200	11,500	14,000	15,500	12,800	13,500	16,800	21,000	13,500	14,800
RESEARCH AND DEVELOPMENT (A)	12,800	11,800	13,000	14,900	12,000	13,500	15,000	20,000	12,500	-------
BASIC RESEARCH	13,300	12,000	13,500	14,400	14,000	14,000	15,000	-------	-------	-------
APPLIED RESEARCH	12,500	11,500	13,000	14,900	11,400	13,000	15,000	16,100	12,100	-------
MANAGEMENT OR ADMINISTRATION (B)	16,000	14,500	16,200	17,500	14,300	16,000	19,500	-------	17,000	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,700	15,000	16,800	18,500	14,600	18,000	20,000	-------	-------	-------
TEACHING	12,000	11,000	13,500	-------	13,500	12,500	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	13,200	11,500	12,400	14,800	11,500	12,400	16,000	21,600	14,000	14,700
EXPLORATION, FORECASTING, AND REPORTING	13,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	13,600	12,000	12,500	-------	13,200	14,000	15,600	-------	-------	-------
NO REPORT	13,800	12,000	14,100	16,000	13,500	14,000	-------	-------	-------	-------
STATISTICS	14,900	12,500	14,800	16,200	12,500	14,800	15,300	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	14,400	13,000	14,000	15,000	12,900	14,000	15,000	-------	-------	-------
BASIC RESEARCH	14,500	13,200	14,800	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	14,400	-------	13,500	15,000	12,900	14,000	15,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	-------	18,000	18,600	14,000	18,000	18,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,500	-------	-------	19,000	-------	-------	19,600	-------	-------	-------
TEACHING	13,000	12,000	14,600	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	13,300	-------	-------	13,500	-------	-------	13,200	-------	-------	-------
CONSULTING	15,300	-------	14,200	16,000	-------	-------	15,000	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	13,000	-------	-------	14,000	10,600	-------	13,000	-------	-------	-------
OTHER	14,400	-------	-------	15,800	-------	-------	-------	-------	-------	-------
NO REPORT	15,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMICS	15,000	12,400	15,700	17,000	16,000	18,000	18,000	20,000	16,000	14,000
RESEARCH AND DEVELOPMENT (A)	14,900	13,500	15,000	14,400	15,000	16,500	15,500	-------	-------	-------
BASIC RESEARCH	14,000	13,400	15,000	13,500	14,000	15,900	-------	-------	-------	-------
APPLIED RESEARCH	15,000	14,000	15,000	14,400	15,200	16,300	15,800	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	19,600	16,100	19,500	19,600	18,800	22,000	20,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	16,000	19,800	19,400	19,000	22,500	20,000	-------	-------	-------
TEACHING	12,500	12,000	14,500	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	13,600	-------	-------	-------	-------	-------	14,000	-------	-------	-------
CONSULTING	19,000	-------	-------	18,000	-------	-------	20,000	20,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	14,600	-------	-------	14,000	13,400	-------	15,300	-------	-------	-------
OTHER	16,000	-------	14,000	18,500	-------	-------	15,000	-------	-------	-------
NO REPORT	16,000	14,000	16,000	16,400	-------	-------	20,000	-------	-------	-------

APPENDIX TABLE A–17A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	12,000	11,000	13,500	15,800	11,200	14,500	15,000	15,700	13,000	14,000
RESEARCH AND DEVELOPMENT (A)	13,000	12,800	13,000	14,000	11,200	13,500	14,000	-------	-------	-------
BASIC RESEARCH	13,000	13,000	13,000	13,600	-------	12,000	-------	-------	-------	-------
APPLIED RESEARCH	13,500	12,000	14,000	14,000	10,000	14,000	14,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,000	15,600	16,900	18,500	13,000	16,000	20,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,000	16,000	16,300	19,000	13,000	16,000	22,000	-------	-------	-------
TEACHING	11,000	10,600	12,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	10,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	10,000	-------	-------	-------	8,400	-------	-------	-------	-------	-------
NO REPORT	13,300	12,000	12,500	-------	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE	12,000	10,800	13,500	17,000	15,000	17,500	15,000	-------	13,500	-------
RESEARCH AND DEVELOPMENT (A)	12,400	11,500	12,000	14,800	-------	15,500	15,000	-------	-------	-------
BASIC RESEARCH	12,000	11,800	11,500	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,200	-------	-------	-------	-------	15,500	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	15,400	18,500	18,000	18,000	20,000	19,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,300	-------	19,500	17,000	-------	20,000	-------	-------	-------	-------
TEACHING	10,800	10,500	11,500	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	17,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,100	-------	-------	12,600	-------	-------	-------	-------	-------	-------
OTHER	15,000	-------	-------	17,400	-------	-------	-------	-------	-------	-------
NO REPORT	13,700	12,000	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	12,700	12,000	13,500	16,400	-------	-------	-------	-------	12,500	-------
RESEARCH AND DEVELOPMENT (A)	13,500	13,000	14,000	-------	-------	-------	-------	-------	12,000	-------
BASIC RESEARCH	13,100	13,000	14,000	-------	-------	-------	-------	-------	12,000	-------
APPLIED RESEARCH	13,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,500	-------	17,500	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	12,000	12,000	11,700	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	11,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	16,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	11,500	11,200	12,000	13,500	-------	7,800	16,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	11,500	12,600	12,000	-------	-------	7,000	-------	-------	-------	-------
BASIC RESEARCH	12,000	12,800	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	10,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,000	16,800	16,000	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	11,000	11,000	11,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	9,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,000	12,000	-------	-------	-------	-------	-------	-------	-------	-------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-17B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	15,000	12,000	14,800	15,800	14,500	16,000	17,500	21,600	15,000	15,700
RESEARCH AND DEVELOPMENT (A)	14,900	12,800	13,500	14,400	14,000	15,100	16,000	18,000	12,000	15,300
BASIC RESEARCH	14,000	12,600	13,000	14,400	13,500	14,500	16,000	15,000	11,300	14,500
APPLIED RESEARCH	15,500	13,500	14,500	14,400	14,000	16,200	16,000	19,000	14,400	16,000
MANAGEMENT OR ADMINISTRATION (B)	20,000	16,000	19,000	20,000	16,400	20,000	21,000	20,000	18,800	18,600
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	17,000	19,600	20,000	17,000	20,500	21,000	20,000	18,000	18,200
TEACHING	12,300	12,000	14,300	14,400	13,500	14,500	16,500	-------	12,000	13,500
PRODUCTION AND INSPECTION	16,300	-------	-------	-------	-------	-------	16,800	-------	-------	-------
CONSULTING	15,000	12,500	13,000	15,000	13,200	14,000	18,200	24,000	15,000	15,000
EXPLORATION, FORECASTING, AND REPORTING	15,000	13,500	13,000	15,100	13,400	14,100	15,500	-------	-------	-------
OTHER	16,000	14,500	14,500	16,600	13,900	15,000	17,400	-------	15,600	-------
NO REPORT	15,600	13,000	15,500	16,200	16,000	16,500	18,000	25,500	-------	16,000
CHEMISTRY	15,600	11,500	13,500	15,800	14,000	16,000	17,000	20,000	15,000	15,300
RESEARCH AND DEVELOPMENT (A)	15,000	12,000	11,600	14,700	14,000	14,900	15,500	-------	12,000	14,700
BASIC RESEARCH	14,400	11,800	11,000	14,800	13,500	14,400	15,300	-------	9,500	-------
APPLIED RESEARCH	15,400	-------	14,500	14,600	-------	15,000	15,500	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	20,000	15,400	19,400	20,000	17,000	20,000	20,500	20,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	15,800	20,000	20,000	-------	20,000	20,000	-------	-------	-------
TEACHING	12,000	11,300	13,800	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	16,500	-------	-------	-------	-------	-------	17,000	-------	-------	-------
CONSULTING	18,000	-------	-------	-------	-------	-------	18,000	20,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	15,400	-------	-------	-------	-------	14,000	16,000	-------	-------	-------
OTHER	16,800	-------	-------	15,800	-------	13,900	17,200	-------	-------	-------
NO REPORT	16,000	11,500	15,500	15,300	-------	-------	17,000	-------	-------	-------
EARTH & MARINE SCIENCES	14,000	12,000	14,700	15,300	13,000	14,900	16,100	20,000	12,300	-------
RESEARCH AND DEVELOPMENT (A)	14,000	12,600	13,000	14,800	12,300	13,500	15,300	-------	-------	-------
BASIC RESEARCH	13,900	12,700	12,500	14,900	12,000	12,200	15,500	-------	-------	-------
APPLIED RESEARCH	14,800	-------	13,500	14,400	12,300	-------	15,100	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	19,200	16,400	19,500	19,500	16,200	18,100	21,500	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,500	17,000	19,000	19,600	17,000	-------	20,500	-------	-------	-------
TEACHING	12,000	11,800	14,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	14,000	-------	-------	-------	-------	-------	14,000	-------	-------	-------
CONSULTING	20,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	14,300	-------	-------	14,500	-------	-------	14,400	-------	-------	-------
OTHER	15,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	15,000	13,000	15,500	-------	-------	-------	19,400	-------	-------	-------
ATMOSPHERIC & SPACE SCIENCES	16,100	13,600	15,500	18,000	-------	-------	20,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	15,400	13,600	14,000	15,700	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	15,000	13,000	13,000	14,900	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	16,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	21,500	-------	-------	21,900	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	22,000	-------	-------	21,600	-------	-------	-------	-------	-------	-------
TEACHING	14,000	13,200	15,200	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHYSICS	15,900	12,500	13,400	17,400	14,000	18,000	19,000	20,000	-------	-------
RESEARCH AND DEVELOPMENT (A)	15,600	13,000	11,500	15,300	-------	17,100	17,400	-------	-------	-------
BASIC RESEARCH	14,500	12,900	11,000	15,300	-------	16,000	17,300	-------	-------	-------
APPLIED RESEARCH	17,200	14,200	15,300	15,800	-------	18,000	17,400	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	23,000	18,000	21,100	22,400	-------	23,000	24,700	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	23,600	20,000	23,000	22,400	-------	23,000	24,500	-------	-------	-------
TEACHING	12,500	12,000	14,500	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	20,000	-------	-------	-------	-------	-------	20,000	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	15,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	16,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	16,000	12,500	15,000	17,400	-------	-------	21,000	-------	-------	-------
MATHEMATICS	14,000	12,000	15,000	19,500	15,000	20,000	19,400	-------	18,000	-------
RESEARCH AND DEVELOPMENT (A)	15,000	12,000	13,100	17,400	-------	17,600	18,000	-------	-------	-------
BASIC RESEARCH	13,000	11,900	12,000	14,900	-------	16,500	19,000	-------	-------	-------
APPLIED RESEARCH	17,500	14,000	17,000	18,000	-------	18,000	18,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	20,800	17,000	20,000	22,000	-------	23,800	24,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	23,000	-------	22,000	22,000	-------	23,500	24,200	-------	-------	-------
TEACHING	12,000	12,000	14,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	19,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	16,000	-------	-------	-------	-------	-------	19,000	-------	-------	-------
OTHER	18,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	15,000	12,900	17,400	-------	-------	-------	20,000	-------	-------	-------

APPENDIX TABLE A-17B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	18,100	13,500	18,000	-------	-------	22,000	20,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	18,000	12,000	-------	-------	-------	-------	18,600	-------	-------	-------
BASIC RESEARCH	16,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	18,200	-------	-------	-------	-------	-------	18,300	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	21,000	-------	20,000	-------	-------	-------	22,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	21,000	-------	-------	-------	-------	-------	21,000	-------	-------	-------
TEACHING	14,000	13,800	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
AGRICULTURAL SCIENCES	14,400	11,700	14,500	14,400	13,700	15,500	15,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,600	-------	13,800	13,500	13,400	-------	13,400	-------	-------	-------
BASIC RESEARCH	13,500	-------	13,300	13,000	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,800	-------	14,000	13,700	-------	-------	13,300	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	-------	19,000	17,700	14,700	-------	16,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	19,000	17,500	-------	-------	16,000	-------	-------	-------
TEACHING	13,600	11,400	14,100	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	13,600	-------	13,600	-------	-------	-------	-------	-------	-------	-------
NO REPORT	15,000	-------	15,000	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	14,200	11,600	15,000	14,500	14,200	15,000	17,000	20,000	13,700	17,000
RESEARCH AND DEVELOPMENT (A)	14,000	13,000	14,000	13,700	13,000	14,000	15,400	-------	12,500	16,000
BASIC RESEARCH	14,000	13,000	14,000	14,000	12,600	14,000	15,600	-------	12,000	14,500
APPLIED RESEARCH	14,400	11,500	14,300	13,500	13,400	15,000	15,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	19,000	15,500	20,000	19,000	17,000	19,500	20,000	-------	17,200	20,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,500	16,800	20,000	19,000	16,500	20,000	20,000	-------	-------	-------
TEACHING	12,500	11,200	14,800	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	18,000	-------	18,000	-------	-------	15,000	-------	30,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	14,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	14,700	-------	14,200	14,100	-------	-------	15,900	-------	-------	-------
NO REPORT	15,500	13,500	15,500	15,800	-------	15,500	17,500	-------	-------	-------
PSYCHOLOGY	14,500	12,000	15,000	15,800	14,300	15,000	19,000	23,000	16,000	15,000
RESEARCH AND DEVELOPMENT (A)	14,400	12,500	14,200	15,300	14,000	15,000	17,000	20,000	-------	-------
BASIC RESEARCH	13,800	12,000	14,000	14,900	14,500	15,000	16,000	-------	-------	-------
APPLIED RESEARCH	14,900	13,000	14,500	15,800	13,800	15,000	17,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,100	15,000	17,100	18,000	15,300	17,500	21,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,500	15,200	18,000	19,500	15,000	19,500	21,000	-------	-------	-------
TEACHING	12,200	11,800	14,000	-------	14,200	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	14,800	12,400	13,000	15,000	13,100	13,500	17,400	24,000	15,000	15,000
EXPLORATION, FORECASTING, AND REPORTING	13,900	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	14,600	-------	-------	-------	13,600	15,000	-------	-------	-------	-------
NO REPORT	15,000	12,400	15,400	-------	-------	-------	-------	-------	-------	-------
STATISTICS	16,000	13,000	16,200	20,200	-------	19,000	19,200	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	16,600	13,200	15,300	-------	-------	16,000	18,500	-------	-------	-------
BASIC RESEARCH	15,300	14,500	15,000	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	17,600	-------	16,500	-------	-------	-------	18,500	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	21,500	-------	20,000	21,500	-------	-------	24,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	22,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	13,700	13,000	15,300	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	16,800	-------	15,000	-------	-------	-------	17,000	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	17,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMICS	15,800	13,500	16,800	19,000	19,000	20,500	23,800	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	16,000	14,800	15,200	16,000	17,400	18,500	20,000	-------	-------	-------
BASIC RESEARCH	15,200	14,000	15,800	15,000	-------	19,000	-------	-------	-------	-------
APPLIED RESEARCH	16,000	15,400	15,000	15,800	17,500	18,000	20,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	21,000	16,500	20,200	21,000	24,000	25,100	25,500	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	21,000	16,200	20,300	20,000	22,500	25,000	25,000	-------	-------	-------
TEACHING	13,900	13,300	15,700	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	20,700	-------	-------	-------	-------	-------	23,000	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	18,000	-------	-------	18,000	-------	-------	20,000	-------	-------	-------
OTHER	18,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	16,500	14,200	18,200	-------	-------	-------	-------	-------	-------	-------

APPENDIX TABLE A-17B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	13,500	12,400	15,000	18,300	15,000	16,600	25,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	14,500	13,500	15,000	16,300	-------	15,000	-------	-------	-------	-------
BASIC RESEARCH	14,000	13,500	14,200	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	15,300	13,500	15,800	-------	-------	15,900	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	16,000	18,000	20,000	-------	18,000	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	16,000	18,000	20,000	-------	18,000	-------	-------	-------	-------
TEACHING	12,100	12,000	14,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	14,000	14,000	-------	-------	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE	13,000	12,000	15,000	18,800	19,000	20,000	18,500	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,000	12,200	12,200	-------	-------	19,200	-------	-------	-------	-------
BASIC RESEARCH	12,600	12,400	12,000	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	15,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	19,500	15,800	20,000	19,400	-------	21,000	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	-------	20,800	-------	-------	21,000	-------	-------	-------	-------
TEACHING	12,000	11,800	12,800	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	14,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	16,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	14,700	12,600	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	12,800	12,000	13,500	16,400	-------	-------	-------	-------	12,500	-------
RESEARCH AND DEVELOPMENT (A)	13,500	13,000	14,000	-------	-------	-------	-------	-------	12,000	-------
BASIC RESEARCH	13,000	13,000	14,000	-------	-------	-------	-------	-------	12,000	-------
APPLIED RESEARCH	13,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	-------	17,500	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	12,000	12,000	11,800	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	16,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	12,200	12,000	13,000	-------	-------	10,900	-------	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	14,000	13,500	-------	-------	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	13,500	13,500	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	15,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,000	16,800	16,800	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	11,500	11,500	11,600	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,300	-------	-------	-------	-------	-------	-------	-------	-------	-------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-17C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	12,000	9,200	10,400	13,400	11,000	12,700	14,100	16,000	12,000	12,000
RESEARCH AND DEVELOPMENT (A)	12,100	10,800	9,600	12,600	10,100	12,000	13,000	15,000	11,200	11,600
BASIC RESEARCH	10,500	7,500	7,000	12,500	9,000	10,000	12,000	------	7,700	------
APPLIED RESEARCH	12,500	11,100	11,200	12,600	10,300	13,000	13,200	15,000	12,000	12,600
MANAGEMENT OR ADMINISTRATION (B)	16,000	12,000	13,500	15,800	12,000	15,600	17,700	15,000	15,000	16,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,000	12,000	13,500	17,000	11,600	17,900	17,900	16,000	15,600	15,000
TEACHING	9,100	9,000	9,800	11,300	9,500	10,000	13,300	------	8,300	10,700
PRODUCTION AND INSPECTION	12,600	------	10,500	12,600	10,000	12,300	12,800	15,000	------	------
CONSULTING	12,500	11,000	11,100	14,000	10,300	10,700	15,500	18,000	14,400	------
EXPLORATION, FORECASTING, AND REPORTING	12,300	9,500	10,600	12,600	10,900	12,500	12,500	14,000	11,000	------
OTHER	12,000	10,000	11,000	12,200	10,100	11,400	13,000	15,000	11,500	------
NO REPORT	12,600	9,500	11,200	13,400	11,900	12,300	15,000	16,000	------	12,000
CHEMISTRY	13,000	9,000	8,500	13,800	11,200	12,300	14,000	17,500	12,000	13,700
RESEARCH AND DEVELOPMENT (A)	12,000	3,000	4,800	13,000	10,900	10,800	12,300	------	10,700	------
BASIC RESEARCH	10,300	2,800	3,800	12,900	------	9,500	11,700	------	------	------
APPLIED RESEARCH	12,500	------	9,500	13,000	------	12,000	12,400	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	17,000	11,500	14,000	16,500	13,200	16,500	17,500	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,000	------	------	17,000	------	18,500	17,000	------	------	------
TEACHING	9,000	9,000	9,500	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	13,000	------	------	12,700	10,300	12,200	13,000	16,500	------	------
CONSULTING	15,900	------	------	------	------	------	16,000	20,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	11,800	------	------	------	------	10,200	12,000	------	------	------
OTHER	12,400	------	8,500	13,000	------	------	13,000	------	------	------
NO REPORT	14,000	------	------	13,000	------	------	15,000	------	------	------
EARTH & MARINE SCIENCES	12,000	9,000	9,800	13,000	11,000	12,800	13,000	15,000	------	------
RESEARCH AND DEVELOPMENT (A)	12,100	------	9,200	13,000	10,500	12,500	12,600	------	------	------
BASIC RESEARCH	11,800	------	9,000	13,000	10,500	------	12,000	------	------	------
APPLIED RESEARCH	12,300	------	------	12,600	10,400	------	13,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	16,000	------	12,100	15,600	13,500	------	17,400	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,800	------	------	16,000	12,600	------	16,600	------	------	------
TEACHING	9,000	9,000	9,500	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	12,000	------	------	11,900	------	------	12,000	------	------	------
CONSULTING	14,000	------	------	------	------	------	14,000	15,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,300	------	------	12,300	10,200	------	12,500	14,000	------	------
OTHER	11,500	------	------	11,000	11,500	------	12,000	------	------	------
NO REPORT	13,200	------	------	------	------	------	14,800	------	------	------
ATMOSPHERIC & SPACE SCIENCES	13,700	9,900	11,100	14,000	------	15,900	14,500	------	------	------
RESEARCH AND DEVELOPMENT (A)	13,000	------	10,500	13,000	------	13,500	14,000	------	------	------
BASIC RESEARCH	12,000	------	------	12,200	------	------	------	------	------	------
APPLIED RESEARCH	13,500	------	------	13,400	------	------	14,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	17,000	------	------	17,200	------	------	17,500	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,500	------	------	18,000	------	------	------	------	------	------
TEACHING	10,000	9,700	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	13,200	------	------	13,300	------	------	12,500	------	------	------
OTHER	12,300	------	------	------	------	------	------	------	------	------
NO REPORT	15,000	------	------	------	------	------	------	------	------	------
PHYSICS	12,600	9,400	10,500	14,000	------	14,800	15,000	------	------	------
RESEARCH AND DEVELOPMENT (A)	13,500	7,900	10,000	13,400	------	14,000	14,000	------	------	------
BASIC RESEARCH	12,600	------	8,000	13,000	------	12,000	14,000	------	------	------
APPLIED RESEARCH	13,800	------	12,200	13,500	------	14,400	14,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	18,000	12,600	14,000	18,000	------	17,100	19,200	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,500	------	15,000	18,000	------	18,200	19,100	------	------	------
TEACHING	9,400	9,400	9,900	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	12,200	------	------	------	------	------	12,200	------	------	------
CONSULTING	16,000	------	------	------	------	------	16,500	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,000	------	------	12,300	------	------	12,000	------	------	------
OTHER	12,500	------	------	------	------	------	12,600	------	------	------
NO REPORT	13,000	------	------	14,900	------	------	15,000	------	------	------
MATHEMATICS	11,400	8,900	10,000	15,000	12,300	17,100	16,200	20,000	12,000	12,000
RESEARCH AND DEVELOPMENT (A)	14,000	9,000	9,600	13,500	------	16,000	14,500	------	------	------
BASIC RESEARCH	11,000	7,800	8,500	12,800	------	------	14,300	------	------	------
APPLIED RESEARCH	14,400	------	12,000	13,800	------	16,200	14,500	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	18,000	11,500	13,500	18,000	14,400	20,000	20,000	------	14,500	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,300	------	14,200	18,500	------	20,000	20,000	------	------	------
TEACHING	8,900	8,800	9,300	------	9,000	------	15,000	------	8,500	------
PRODUCTION AND INSPECTION	12,500	------	------	------	------	------	12,000	------	------	------
CONSULTING	16,000	------	------	------	------	------	16,400	20,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,600	------	11,000	12,200	------	------	13,200	------	------	------
OTHER	13,600	9,000	------	------	------	------	14,700	------	------	------
NO REPORT	11,800	9,000	10,600	------	------	------	16,500	------	------	------

APPENDIX TABLE A-17C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	14,400	9,500	12,000	14,400	-------	15,900	14,500	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	14,000	-------	12,000	13,500	-------	15,600	14,000	-------	-------	-------
BASIC RESEARCH	13,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	14,100	-------	11,600	14,400	-------	15,400	14,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,400	-------	14,400	17,000	-------	18,000	18,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	-------	18,500	-------	-------	18,300	-------	-------	-------
TEACHING	11,000	9,500	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	15,300	-------	-------	-------	-------	-------	15,300	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,600	-------	-------	12,600	-------	-------	12,700	-------	-------	-------
OTHER	13,000	-------	-------	-------	-------	-------	13,000	-------	-------	-------
NO REPORT	14,900	-------	-------	-------	-------	-------	15,500	-------	-------	-------
AGRICULTURAL SCIENCES	10,900	9,900	11,100	11,500	9,500	12,000	11,400	15,000	-------	-------
RESEARCH AND DEVELOPMENT (A)	10,100	-------	10,200	10,900	8,800	-------	10,200	-------	-------	-------
BASIC RESEARCH	9,600	-------	8,700	10,600	8,200	-------	-------	-------	-------	-------
APPLIED RESEARCH	10,300	-------	10,500	11,000	9,000	-------	10,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	11,400	-------	12,500	12,000	10,000	13,000	12,000	15,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	11,600	-------	11,600	14,000	9,800	-------	14,000	-------	-------	-------
TEACHING	11,000	9,900	11,500	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	10,400	-------	-------	10,200	-------	-------	-------	-------	-------	-------
OTHER	11,000	-------	12,000	10,900	-------	-------	11,000	-------	-------	-------
NO REPORT	12,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	10,000	9,000	9,000	11,700	10,300	10,000	12,500	15,000	8,500	11,400
RESEARCH AND DEVELOPMENT (A)	10,000	-------	7,500	11,000	9,200	9,100	11,400	-------	-------	-------
BASIC RESEARCH	8,800	-------	6,600	10,900	8,300	9,000	10,500	-------	-------	-------
APPLIED RESEARCH	10,800	-------	9,500	11,400	9,700	10,000	12,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	12,800	11,500	12,500	13,500	11,400	12,000	14,000	13,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	13,500	-------	12,500	14,700	11,000	-------	13,500	-------	-------	-------
TEACHING	9,000	9,000	9,100	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	10,000	-------	-------	-------	9,300	9,500	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	11,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	10,200	-------	10,300	10,200	10,100	-------	11,000	-------	-------	-------
NO REPORT	10,800	-------	11,500	-------	-------	-------	13,100	-------	-------	-------
PSYCHOLOGY	11,500	10,500	12,000	14,000	11,000	10,800	14,500	17,000	12,000	-------
RESEARCH AND DEVELOPMENT (A)	11,500	11,200	11,800	13,300	10,400	9,800	13,000	-------	-------	-------
BASIC RESEARCH	10,000	-------	8,400	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	11,500	11,200	12,000	13,500	10,400	9,800	12,600	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	14,000	12,200	14,000	16,000	12,500	12,700	17,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,000	-------	12,200	16,900	13,000	12,100	17,700	-------	-------	-------
TEACHING	9,500	9,300	10,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	11,000	11,100	11,100	13,400	10,200	10,500	13,200	17,400	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	12,000	11,900	11,200	-------	10,900	-------	-------	-------	-------	-------
NO REPORT	12,000	11,000	11,500	-------	-------	-------	-------	-------	-------	-------
STATISTICS	14,000	10,600	11,000	15,800	12,800	13,200	15,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,300	-------	9,600	15,000	-------	13,200	13,500	-------	-------	-------
BASIC RESEARCH	13,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,300	-------	-------	15,000	-------	13,000	13,500	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,500	-------	-------	18,400	-------	-------	17,900	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	-------	18,500	-------	-------	18,000	-------	-------	-------
TEACHING	10,500	10,300	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	13,500	-------	-------	-------	-------	-------	13,900	-------	-------	-------
CONSULTING	14,700	-------	-------	-------	-------	-------	14,900	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	13,000	-------	-------	13,500	-------	-------	13,200	-------	-------	-------
OTHER	13,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	14,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMICS	12,600	10,000	12,000	15,800	14,400	16,000	16,000	20,000	-------	-------
RESEARCH AND DEVELOPMENT (A)	12,700	10,500	11,500	13,400	13,200	15,000	13,200	-------	-------	-------
BASIC RESEARCH	11,400	-------	-------	11,500	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,100	-------	12,000	13,500	13,100	15,100	14,100	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,600	-------	14,500	18,500	16,200	20,000	18,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	-------	18,000	16,700	20,000	18,000	-------	-------	-------
TEACHING	10,000	9,900	11,400	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	13,000	-------	-------	-------	-------	-------	12,500	-------	-------	-------
CONSULTING	18,000	-------	-------	-------	-------	-------	18,200	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	14,000	-------	-------	13,500	13,200	-------	15,000	-------	-------	-------
OTHER	13,500	-------	-------	16,400	-------	-------	12,700	-------	-------	-------
NO REPORT	14,300	-------	-------	-------	-------	-------	-------	-------	-------	-------

APPENDIX TABLE A-17C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	9,300	8,700	10,000	13,500	10,800	11,800	14,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	10,000	9,200	10,000	11,500	9,000	11,000	-------	-------	-------	-------
BASIC RESEARCH	9,300	-------	9,600	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	10,500	-------	10,000	-------	-------	11,800	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	13,000	-------	11,500	16,000	12,000	12,500	20,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	13,500	-------	-------	14,500	13,000	-------	-------	-------	-------	-------
TEACHING	8,800	8,600	9,600	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	9,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	9,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE	9,500	9,000	10,000	14,500	12,000	13,000	13,800	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	10,500	9,200	-------	-------	-------	11,200	-------	-------	-------	-------
BASIC RESEARCH	9,100	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	11,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	14,500	-------	12,000	16,000	14,000	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	9,000	9,000	9,400	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	15,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	11,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	10,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	11,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	9,000	8,800	9,500	-------	-------	7,200	-------	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	8,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	12,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	9,000	8,800	9,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-17D. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	12,000	7,200	7,500	12,200	9,700	11,700	13,000	15,000	11,500	12,000
RESEARCH AND DEVELOPMENT (A)	11,300	3,000	5,100	12,200	9,200	11,200	11,700	16,000	10,500	11,200
BASIC RESEARCH	9,000	3,000	3,600	11,600	8,500	8,800	10,000	-------	7,500	-------
APPLIED RESEARCH	12,000	7,900	9,500	12,600	9,500	12,000	12,000	-------	12,000	12,000
MANAGEMENT OR ADMINISTRATION (B)	14,900	12,000	13,000	12,800	10,000	15,200	16,100	15,000	14,900	14,400
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,000	-------	13,400	16,000	10,300	18,000	16,500	17,800	16,000	14,900
TEACHING	7,500	7,300	7,700	10,000	8,000	-------	13,000	-------	7,300	-------
PRODUCTION AND INSPECTION	11,400	-------	8,300	11,300	9,700	9,500	11,500	14,000	11,000	11,900
CONSULTING	14,000	-------	10,000	13,000	9,400	10,000	15,000	16,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,400	-------	9,900	12,200	10,100	11,000	12,600	15,000	10,500	-------
OTHER	11,100	-------	7,200	11,000	9,000	10,500	12,000	16,000	10,100	-------
NO REPORT	13,000	7,000	7,500	12,200	10,200	11,500	14,400	15,000	-------	12,000
CHEMISTRY	12,000	6,100	3,900	12,600	10,000	10,000	12,500	15,000	11,000	12,500
RESEARCH AND DEVELOPMENT (A)	10,700	2,800	3,500	12,300	9,000	9,500	11,000	-------	10,500	11,500
BASIC RESEARCH	8,400	2,700	3,400	11,700	8,000	8,400	9,600	-------	-------	-------
APPLIED RESEARCH	11,400	-------	7,700	12,800	9,500	10,000	11,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,200	-------	12,000	15,400	12,400	15,000	16,500	16,000	13,600	15,300
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,000	-------	-------	16,400	-------	18,000	16,000	-------	-------	-------
TEACHING	6,500	6,500	6,700	-------	-------	-------	13,000	-------	-------	-------
PRODUCTION AND INSPECTION	11,300	-------	8,200	11,300	9,700	8,600	11,400	14,000	10,700	12,000
CONSULTING	14,000	-------	-------	-------	-------	-------	14,000	18,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	11,000	-------	-------	12,600	-------	9,500	11,000	-------	-------	-------
OTHER	11,900	-------	3,400	11,900	10,000	8,600	12,300	20,000	-------	-------
NO REPORT	13,000	-------	-------	13,200	-------	-------	14,000	-------	-------	-------
EARTH & MARINE SCIENCES	13,000	7,500	8,000	12,800	10,700	11,200	13,300	15,000	14,000	-------
RESEARCH AND DEVELOPMENT (A)	12,000	-------	8,800	12,600	9,600	-------	12,400	-------	-------	-------
BASIC RESEARCH	11,000	-------	9,000	12,000	9,700	-------	11,500	-------	-------	-------
APPLIED RESEARCH	12,300	-------	-------	12,800	-------	-------	12,600	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,000	-------	-------	15,000	12,700	-------	17,000	18,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,000	-------	-------	15,800	12,600	-------	16,300	-------	-------	-------
TEACHING	7,400	7,500	7,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	11,800	-------	-------	10,600	10,000	-------	12,000	15,000	-------	-------
CONSULTING	14,000	-------	-------	-------	-------	-------	13,200	15,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,600	-------	-------	12,000	10,000	-------	13,000	15,000	-------	-------
OTHER	10,700	-------	-------	11,300	10,000	-------	11,100	-------	-------	-------
NO REPORT	15,200	-------	-------	12,600	-------	-------	15,000	20,000	-------	-------
ATMOSPHERIC & SPACE SCIENCES	13,000	-------	10,200	13,200	10,500	12,000	13,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,000	-------	-------	13,400	-------	-------	12,800	-------	-------	-------
BASIC RESEARCH	12,000	-------	-------	13,000	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,200	-------	-------	13,500	-------	-------	13,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	14,900	-------	-------	14,900	-------	-------	15,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,300	-------	-------	15,800	-------	-------	-------	-------	-------	-------
TEACHING	9,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	12,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,600	-------	-------	12,900	-------	-------	12,200	-------	-------	-------
OTHER	11,400	-------	-------	11,300	-------	-------	-------	-------	-------	-------
NO REPORT	13,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHYSICS	12,600	7,600	8,500	13,400	-------	13,800	13,300	17,000	-------	-------
RESEARCH AND DEVELOPMENT (A)	12,300	-------	9,000	12,600	-------	12,000	12,400	-------	-------	-------
BASIC RESEARCH	11,900	-------	8,000	12,600	-------	-------	12,100	-------	-------	-------
APPLIED RESEARCH	12,500	-------	-------	12,600	-------	13,200	12,400	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,800	-------	13,500	16,400	-------	18,500	17,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,500	-------	-------	16,800	-------	-------	18,000	-------	-------	-------
TEACHING	7,500	7,600	7,400	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	12,000	-------	-------	-------	-------	-------	12,300	-------	-------	-------
CONSULTING	15,000	-------	-------	-------	-------	-------	15,400	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	10,600	-------	-------	12,000	-------	-------	10,200	-------	-------	-------
OTHER	12,300	-------	-------	14,300	-------	-------	12,000	-------	-------	-------
NO REPORT	13,800	-------	-------	-------	-------	-------	13,000	-------	-------	-------
MATHEMATICS	15,000	7,400	9,500	14,900	13,500	17,200	16,300	22,000	14,600	-------
RESEARCH AND DEVELOPMENT (A)	14,000	-------	-------	13,400	-------	16,400	14,000	-------	-------	-------
BASIC RESEARCH	12,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	14,300	-------	-------	14,100	-------	17,300	14,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	-------	13,500	17,500	15,000	19,600	18,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,400	-------	-------	18,000	-------	21,000	18,500	-------	-------	-------
TEACHING	7,500	7,300	7,200	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	12,200	-------	-------	-------	-------	-------	12,200	-------	-------	-------
CONSULTING	18,000	-------	-------	-------	-------	-------	17,500	22,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	13,000	-------	-------	13,000	-------	-------	13,000	-------	-------	-------
OTHER	13,700	-------	-------	13,500	-------	-------	13,800	-------	-------	-------
NO REPORT	16,000	-------	-------	-------	-------	-------	17,500	-------	-------	-------

APPENDIX TABLE A-17D. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	13,800	-------	11,400	13,500	12,700	14,200	14,000	-------	12,000	-------
RESEARCH AND DEVELOPMENT (A)	13,500	-------	11,000	13,500	-------	14,000	13,600	-------	-------	-------
BASIC RESEARCH	12,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,500	-------	11,500	13,500	-------	14,000	13,600	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,500	-------	-------	15,800	-------	16,500	16,800	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,200	-------	-------	17,600	-------	-------	17,400	-------	-------	-------
TEACHING	11,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	12,600	-------	-------	-------	-------	-------	13,000	-------	-------	-------
CONSULTING	14,000	-------	-------	-------	-------	-------	14,000	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,400	-------	-------	12,100	-------	13,100	12,600	-------	-------	-------
OTHER	13,000	-------	-------	-------	-------	-------	13,200	-------	-------	-------
NO REPORT	14,000	-------	-------	-------	-------	-------	14,000	-------	-------	-------
AGRICULTURAL SCIENCES	10,000	-------	10,500	10,300	9,100	10,000	10,000	11,500	-------	-------
RESEARCH AND DEVELOPMENT (A)	10,000	-------	10,000	10,600	8,800	-------	10,000	-------	-------	-------
BASIC RESEARCH	9,100	-------	-------	10,400	8,000	-------	-------	-------	-------	-------
APPLIED RESEARCH	10,000	-------	10,100	10,600	9,000	-------	10,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	10,000	-------	11,000	10,400	9,300	10,000	10,200	12,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	10,200	-------	-------	11,300	9,400	-------	11,200	-------	-------	-------
TEACHING	9,900	-------	10,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	9,000	-------	-------	-------	-------	-------	9,100	-------	-------	-------
CONSULTING	8,900	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	10,000	-------	-------	10,300	-------	-------	-------	-------	-------	-------
OTHER	9,600	-------	-------	10,000	8,500	-------	9,200	-------	-------	-------
NO REPORT	10,100	-------	-------	10,500	8,700	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	9,600	7,200	7,400	11,000	9,500	9,000	11,000	14,000	8,400	10,900
RESEARCH AND DEVELOPMENT (A)	9,100	-------	6,400	10,500	8,400	8,400	10,000	-------	-------	-------
BASIC RESEARCH	8,100	-------	6,000	10,000	7,500	8,200	9,700	-------	-------	-------
APPLIED RESEARCH	10,000	-------	7,800	10,900	9,000	8,500	10,100	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	12,000	-------	12,000	12,200	10,100	10,000	12,200	12,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	13,100	-------	-------	14,400	10,300	-------	13,500	-------	-------	-------
TEACHING	7,300	7,200	7,500	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	9,100	-------	-------	-------	-------	-------	10,000	-------	-------	-------
CONSULTING	9,000	-------	-------	-------	8,400	8,200	10,400	14,000	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	10,000	-------	-------	10,600	-------	-------	-------	-------	-------	-------
OTHER	9,500	-------	-------	10,000	9,100	-------	9,600	-------	-------	-------
NO REPORT	10,600	-------	-------	-------	10,600	-------	-------	-------	-------	-------
PSYCHOLOGY	11,800	10,000	11,000	-------	11,500	13,000	-------	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	12,100	-------	-------	-------	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	12,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	14,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	9,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	11,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
STATISTICS	14,200	-------	-------	15,600	11,400	13,700	13,300	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,200	-------	-------	13,500	-------	-------	13,000	-------	-------	-------
BASIC RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,500	-------	-------	13,800	-------	-------	13,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,300	-------	-------	16,900	-------	-------	16,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,500	-------	-------	16,900	-------	-------	-------	-------	-------	-------
TEACHING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	13,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	14,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	12,200	-------	-------	14,000	-------	-------	11,700	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMICS	14,500	10,100	12,000	16,400	13,200	15,600	16,400	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	13,000	-------	-------	13,500	-------	-------	13,900	-------	-------	-------
BASIC RESEARCH	11,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	13,500	-------	-------	14,000	-------	-------	13,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	-------	-------	19,000	13,900	-------	19,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,000	-------	-------	19,000	-------	-------	18,500	-------	-------	-------
TEACHING	10,000	10,000	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	12,000	-------	-------	-------	-------	-------	15,000	-------	-------	-------
CONSULTING	19,000	-------	-------	-------	-------	-------	19,000	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	13,000	-------	-------	13,500	-------	-------	14,600	-------	-------	-------
OTHER	13,900	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

APPENDIX TABLE A-17D. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	9,000	8,000	9,000	11,000	9,000	12,000	-------	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	9,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	9,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	11,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	7,600	8,000	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE	12,000	9,000	-------	15,900	-------	-------	-------	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	9,000	8,800	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	9,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BASIC RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TEACHING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-18. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	13,200	11,000	13,500	13,500	11,200	14,700	14,700	18,000	12,600	14,000
1 OR LESS	9,000	9,000	8,100	8,900	7,500	8,000	9,900	-------	8,000	8,000
2 TO 4	10,000	9,400	9,800	10,000	8,400	10,300	10,800	12,000	8,900	9,600
5 TO 9	11,700	10,100	12,000	12,000	10,200	13,000	13,000	15,000	11,000	12,000
10 TO 14	13,800	11,700	14,600	13,400	11,500	15,500	15,000	18,000	13,200	14,400
15 TO 19	15,100	13,000	16,100	14,900	12,400	17,500	16,000	18,000	15,000	15,000
20 TO 24	16,200	13,800	17,500	15,800	13,200	18,300	17,400	20,000	15,500	17,200
25 TO 29	17,000	14,000	18,500	17,000	13,300	19,000	18,000	20,000	16,000	17,800
30 TO 34	17,200	14,300	18,400	17,500	14,000	20,000	18,100	20,000	16,000	18,500
35 TO 39	17,000	14,400	18,000	17,900	13,700	20,000	18,600	20,000	14,500	15,700
40 OR MORE	16,300	14,000	17,500	18,500	14,600	18,400	18,000	15,000	17,000	16,500
NO REPORT	14,000	11,100	13,000	14,000	12,000	15,000	15,000	18,000	12,600	14,400
CHEMISTRY	13,500	10,500	11,000	13,500	10,800	13,200	14,400	17,000	12,000	13,800
1 OR LESS	9,000	7,000	6,400	8,800	7,000	7,000	9,600	-------	-------	-------
2 TO 4	10,000	9,000	7,200	10,000	8,300	8,600	10,500	-------	8,900	-------
5 TO 9	11,500	10,000	11,000	12,000	10,000	11,000	12,000	13,000	10,500	11,600
10 TO 14	13,700	11,400	13,500	13,400	10,500	13,500	14,300	15,000	12,200	14,000
15 TO 19	15,000	12,200	15,000	14,400	11,500	15,600	15,300	17,000	14,000	14,400
20 TO 24	16,000	13,500	17,300	15,300	12,300	16,300	16,500	20,000	15,000	-------
25 TO 29	17,000	14,000	18,300	16,400	12,400	16,000	17,500	18,000	-------	-------
30 TO 34	17,000	13,300	17,000	17,000	13,800	16,800	17,500	20,000	-------	-------
35 TO 39	17,000	13,800	17,200	16,700	12,700	18,000	17,900	-------	-------	-------
40 OR MORE	16,000	13,400	16,000	17,000	13,000	-------	16,500	15,000	-------	-------
NO REPORT	14,000	10,900	9,100	14,000	11,300	14,000	15,000	18,000	13,000	13,500
EARTH & MARINE SCIENCES	12,900	10,700	12,400	13,400	11,000	13,000	13,500	15,000	12,300	12,600
1 OR LESS	8,800	8,300	8,000	8,600	8,100	-------	9,500	-------	-------	-------
2 TO 4	9,600	8,900	9,500	9,700	9,000	10,400	10,200	-------	-------	-------
5 TO 9	11,000	10,000	11,000	11,600	10,300	12,000	11,400	15,000	-------	-------
10 TO 14	12,600	11,300	13,000	12,600	12,000	13,500	13,000	15,000	-------	-------
15 TO 19	14,100	12,700	16,300	14,200	12,100	17,900	14,400	15,000	-------	-------
20 TO 24	15,600	13,900	16,000	15,300	13,000	-------	16,800	15,000	-------	-------
25 TO 29	16,700	13,400	18,000	16,700	14,400	-------	18,000	17,000	-------	-------
30 TO 34	18,000	14,400	18,000	18,000	15,000	-------	18,800	20,000	-------	-------
35 TO 39	17,000	14,700	17,500	16,700	-------	-------	19,200	-------	-------	-------
40 OR MORE	18,000	15,500	-------	19,500	-------	-------	24,000	-------	-------	-------
NO REPORT	13,500	11,100	14,000	13,800	11,500	13,000	14,000	15,000	-------	-------
ATMOSPHERIC & SPACE SCIENCES	13,400	12,000	12,800	13,400	10,900	14,600	13,700	-------	-------	-------
1 OR LESS	8,900	-------	-------	8,900	-------	-------	-------	-------	-------	-------
2 TO 4	10,000	-------	10,800	10,000	-------	-------	10,300	-------	-------	-------
5 TO 9	11,900	-------	11,700	12,000	-------	-------	11,200	-------	-------	-------
10 TO 14	13,400	-------	13,500	13,400	-------	-------	14,000	-------	-------	-------
15 TO 19	14,000	-------	15,000	13,700	-------	-------	15,200	-------	-------	-------
20 TO 24	14,000	-------	-------	13,800	-------	-------	14,000	-------	-------	-------
25 TO 29	14,900	15,800	-------	14,800	-------	-------	14,000	-------	-------	-------
30 TO 34	14,500	-------	-------	14,200	-------	-------	15,000	-------	-------	-------
35 TO 39	14,100	-------	-------	14,000	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,800	-------	14,000	13,900	-------	-------	14,000	-------	-------	-------
PHYSICS	14,000	11,000	12,000	14,500	11,300	16,800	16,200	18,500	7,500	14,600
1 OR LESS	9,700	9,000	9,000	10,000	-------	13,800	14,000	-------	-------	-------
2 TO 4	10,500	9,500	9,800	11,000	-------	11,600	12,000	-------	-------	-------
5 TO 9	12,500	10,200	12,000	13,000	-------	13,800	14,100	-------	-------	-------
10 TO 14	15,300	12,000	15,000	15,000	-------	16,800	17,200	-------	-------	-------
15 TO 19	17,900	13,500	17,500	17,400	-------	20,000	19,500	-------	-------	-------
20 TO 24	19,000	14,000	18,000	19,000	-------	20,400	21,000	-------	-------	-------
25 TO 29	20,000	15,000	21,000	20,600	-------	21,500	21,800	-------	-------	-------
30 TO 34	19,000	14,500	18,600	21,000	-------	24,400	22,400	-------	-------	-------
35 TO 39	18,000	14,000	17,500	22,000	-------	-------	20,000	-------	-------	-------
40 OR MORE	17,300	13,500	17,300	20,600	-------	-------	21,000	-------	-------	-------
NO REPORT	11,200	9,300	9,400	11,800	-------	-------	14,500	-------	-------	-------
MATHEMATICS	13,000	10,200	12,000	15,300	11,100	18,000	16,800	21,000	14,000	13,200
1 OR LESS	9,800	9,500	10,000	-------	-------	-------	-------	-------	-------	-------
2 TO 4	9,900	9,000	8,700	11,000	-------	12,800	12,000	-------	8,000	-------
5 TO 9	11,500	9,500	10,700	12,700	10,900	14,400	14,400	-------	12,000	-------
10 TO 14	14,700	11,000	12,000	15,300	13,300	17,300	17,400	20,000	14,500	-------
15 TO 19	17,000	12,300	15,500	17,600	14,700	20,400	20,000	-------	18,000	-------
20 TO 24	17,200	12,700	17,000	18,000	-------	22,000	21,600	-------	-------	-------
25 TO 29	17,400	13,600	14,200	18,500	-------	25,000	21,700	-------	-------	-------
30 TO 34	17,000	13,500	17,000	20,000	-------	-------	23,200	-------	-------	-------
35 TO 39	15,800	12,500	15,000	-------	-------	-------	25,500	-------	-------	-------
40 OR MORE	15,000	13,100	17,500	-------	-------	-------	24,000	-------	-------	-------
NO REPORT	13,000	10,000	12,000	14,900	-------	18,000	16,000	-------	-------	-------

APPENDIX TABLE A-18. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	14,100	12,000	12,800	13,700	12,700	15,100	14,400	-------	13,300	-------
1 OR LESS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
2 TO 4	11,100	10,000	9,600	11,200	-------	11,600	11,300	-------	-------	-------
5 TO 9	13,200	11,400	11,400	12,600	12,600	13,600	13,500	-------	13,100	-------
10 TO 14	16,000	13,500	15,000	14,800	13,000	17,000	16,300	-------	-------	-------
15 TO 19	18,000	16,000	18,000	17,000	-------	19,000	18,300	-------	-------	-------
20 TO 24	19,000	-------	-------	-------	-------	-------	18,000	-------	-------	-------
25 TO 29	18,500	-------	-------	-------	-------	-------	18,800	-------	-------	-------
30 TO 34	19,000	-------	-------	-------	-------	-------	18,000	-------	-------	-------
35 TO 39	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,500	-------	-------	-------	-------	-------	13,800	-------	-------	-------
AGRICULTURAL SCIENCES	11,000	10,500	13,200	10,900	9,300	12,000	10,800	12,000	11,700	11,200
1 OR LESS	7,500	-------	8,800	6,700	7,000	-------	7,800	-------	-------	-------
2 TO 4	8,000	-------	10,500	8,000	7,500	-------	8,400	-------	-------	-------
5 TO 9	9,600	9,900	12,000	9,400	8,600	-------	9,800	9,200	-------	-------
10 TO 14	10,900	12,000	13,000	10,900	9,400	-------	11,000	-------	-------	-------
15 TO 19	12,200	10,500	14,300	12,500	10,500	-------	11,800	15,000	-------	-------
20 TO 24	13,300	-------	15,600	13,400	11,000	-------	13,800	-------	-------	-------
25 TO 29	14,000	-------	16,000	14,400	11,400	-------	13,800	-------	-------	-------
30 TO 34	15,300	-------	16,900	15,300	12,200	-------	15,000	-------	-------	-------
35 TO 39	15,300	-------	16,600	16,200	12,000	-------	15,000	-------	-------	-------
40 OR MORE	15,000	-------	15,500	18,300	-------	-------	-------	-------	-------	-------
NO REPORT	10,800	-------	12,000	10,500	9,400	-------	12,000	-------	-------	-------
BIOLOGICAL SCIENCES	13,000	10,500	14,900	13,500	11,400	15,000	15,000	20,000	11,500	15,000
1 OR LESS	8,400	9,000	8,000	10,200	7,000	7,000	11,800	-------	-------	-------
2 TO 4	9,400	9,000	10,000	10,000	8,000	8,500	12,000	-------	7,500	8,400
5 TO 9	11,000	9,600	12,400	11,800	10,000	12,000	13,000	20,000	9,100	12,000
10 TO 14	13,500	11,000	15,000	13,400	11,100	15,700	15,300	25,000	11,500	17,000
15 TO 19	15,000	12,000	17,000	14,400	12,300	16,800	16,000	20,000	-------	19,000
20 TO 24	16,800	13,000	18,600	15,500	14,000	20,000	17,700	24,000	-------	18,400
25 TO 29	17,500	13,000	20,000	16,600	13,200	21,000	19,200	20,000	-------	-------
30 TO 34	17,800	13,800	20,000	17,400	13,900	21,500	20,000	25,000	-------	-------
35 TO 39	18,000	14,100	19,800	18,500	17,000	21,500	19,000	-------	-------	-------
40 OR MORE	17,000	14,000	17,500	18,500	16,500	20,000	18,000	-------	-------	-------
NO REPORT	15,000	11,000	15,600	15,000	15,000	16,200	17,000	22,500	-------	18,000
PSYCHOLOGY	13,200	11,500	14,000	15,500	12,800	13,500	16,800	21,000	13,500	14,800
1 OR LESS	9,500	9,200	10,000	-------	9,200	9,000	12,000	-------	-------	-------
2 TO 4	10,500	9,900	11,600	12,600	10,400	11,200	12,500	-------	-------	-------
5 TO 9	12,000	10,800	13,000	14,000	12,000	12,500	15,000	20,000	-------	-------
10 TO 14	14,000	12,000	14,500	15,300	13,500	15,000	17,800	20,000	14,000	-------
15 TO 19	15,000	13,100	15,400	16,200	14,000	16,000	19,800	24,300	16,000	-------
20 TO 24	15,700	13,500	16,000	16,700	14,000	16,500	20,000	24,000	-------	-------
25 TO 29	15,700	14,000	16,500	17,000	14,000	15,000	23,000	25,000	-------	-------
30 TO 34	16,000	13,800	17,100	17,000	13,200	17,000	23,000	20,000	-------	-------
35 TO 39	16,000	15,000	17,000	16,200	13,900	-------	-------	-------	-------	-------
40 OR MORE	15,000	14,500	17,000	-------	-------	-------	-------	-------	-------	-------
NO REPORT	12,000	11,000	13,000	14,500	11,700	12,100	14,800	-------	-------	-------
STATISTICS	14,900	12,500	14,800	16,200	12,500	14,800	15,300	-------	-------	-------
1 OR LESS	12,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
2 TO 4	11,000	10,500	12,000	11,200	-------	-------	12,000	-------	-------	-------
5 TO 9	13,000	11,800	13,700	13,500	11,000	12,600	14,300	-------	-------	-------
10 TO 14	15,400	12,900	16,000	14,000	-------	-------	16,700	-------	-------	-------
15 TO 19	17,000	16,000	18,700	17,000	-------	17,000	17,200	-------	-------	-------
20 TO 24	18,000	17,000	-------	18,000	-------	-------	19,200	-------	-------	-------
25 TO 29	18,500	-------	-------	19,700	-------	-------	17,000	-------	-------	-------
30 TO 34	19,000	-------	-------	20,000	-------	-------	-------	-------	-------	-------
35 TO 39	17,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	15,000	-------	-------	-------	-------	-------	16,000	-------	-------	-------
ECONOMICS	15,000	12,400	15,700	17,000	16,000	18,000	18,000	20,000	16,000	14,000
1 OR LESS	10,500	10,000	10,500	-------	-------	-------	-------	-------	-------	-------
2 TO 4	11,000	10,500	12,000	11,500	12,600	13,200	12,000	-------	-------	-------
5 TO 9	12,600	11,500	14,000	13,900	14,000	15,000	14,700	-------	-------	-------
10 TO 14	15,000	13,000	15,900	16,400	17,400	18,400	19,000	-------	-------	-------
15 TO 19	17,000	14,300	17,100	18,300	17,400	21,000	20,000	-------	-------	-------
20 TO 24	18,000	15,100	18,500	20,000	21,100	24,000	23,000	-------	-------	-------
25 TO 29	19,000	15,000	19,000	20,400	21,000	22,500	23,500	-------	-------	-------
30 TO 34	19,600	16,900	20,000	21,500	18,100	-------	25,000	-------	-------	-------
35 TO 39	19,000	16,500	18,000	21,500	-------	-------	28,000	-------	-------	-------
40 OR MORE	18,000	15,000	18,500	20,900	-------	-------	-------	-------	-------	-------
NO REPORT	15,100	13,000	15,300	17,000	16,400	18,500	18,000	-------	-------	-------

APPENDIX TABLE A-18. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	12,000	11,000	13,500	15,000	11,200	14,500	15,000	15,700	13,000	14,000
1 OR LESS	8,400	8,300	9,000	-------	-------	-------	-------	-------	-------	-------
2 TO 4	9,300	9,000	10,300	8,400	9,000	9,800	-------	-------	-------	-------
5 TO 9	11,000	10,200	12,000	13,500	11,300	13,200	-------	-------	-------	-------
10 TO 14	13,000	11,500	15,000	16,400	13,000	15,000	-------	-------	-------	-------
15 TO 19	14,600	13,300	16,300	18,000	-------	16,000	-------	-------	-------	-------
20 TO 24	15,000	14,000	17,000	-------	-------	-------	-------	-------	-------	-------
25 TO 29	15,800	15,000	16,700	-------	-------	-------	-------	-------	-------	-------
30 TO 34	16,000	15,000	16,000	-------	-------	-------	-------	-------	-------	-------
35 TO 39	15,100	14,000	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	14,500	14,300	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,000	11,500	14,500	16,700	10,000	15,000	-------	-------	-------	-------
POLITICAL SCIENCE	12,000	10,800	13,500	17,000	15,000	17,500	15,000	-------	13,500	-------
1 OR LESS	9,000	9,000	9,200	-------	-------	-------	-------	-------	-------	-------
2 TO 4	9,500	9,300	9,700	10,000	9,500	9,000	-------	-------	-------	-------
5 TO 9	11,000	10,400	11,500	15,000	-------	16,000	-------	-------	-------	-------
10 TO 14	13,000	12,000	14,700	16,900	-------	-------	-------	-------	-------	-------
15 TO 19	15,400	14,400	17,000	18,800	-------	21,000	-------	-------	-------	-------
20 TO 24	16,200	14,200	18,000	20,000	-------	-------	-------	-------	-------	-------
25 TO 29	17,000	14,300	18,600	21,300	-------	-------	-------	-------	-------	-------
30 TO 34	18,500	15,600	20,000	-------	-------	-------	-------	-------	-------	-------
35 TO 39	17,000	14,500	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	20,000	17,000	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,900	12,000	13,700	18,500	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	12,700	12,000	13,500	16,400	-------	-------	-------	-------	12,500	-------
1 OR LESS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
2 TO 4	10,000	10,000	10,000	-------	-------	-------	-------	-------	-------	-------
5 TO 9	11,100	11,000	12,000	-------	-------	-------	-------	-------	-------	-------
10 TO 14	13,700	13,200	15,000	-------	-------	-------	-------	-------	-------	-------
15 TO 19	16,300	16,100	16,000	-------	-------	-------	-------	-------	-------	-------
20 TO 24	15,800	15,900	-------	-------	-------	-------	-------	-------	-------	-------
25 TO 29	20,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
30 TO 34	16,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
35 TO 39	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,100	13,000	14,600	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	11,500	11,200	12,000	13,500	-------	7,800	16,000	-------	-------	-------
1 OR LESS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
2 TO 4	9,500	9,600	9,500	-------	-------	-------	-------	-------	-------	-------
5 TO 9	10,000	10,000	10,000	-------	-------	-------	-------	-------	-------	-------
10 TO 14	11,500	11,500	12,000	-------	-------	-------	-------	-------	-------	-------
15 TO 19	13,000	12,600	-------	-------	-------	-------	-------	-------	-------	-------
20 TO 24	13,500	14,000	-------	-------	-------	-------	-------	-------	-------	-------
25 TO 29	15,600	13,700	-------	-------	-------	-------	-------	-------	-------	-------
30 TO 34	16,500	15,500	-------	-------	-------	-------	-------	-------	-------	-------
35 TO 39	16,500	16,500	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	18,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,900	11,500	14,000	-------	-------	-------	-------	-------	-------	-------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-19. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	13,200	15,000	20,000	12,000	12,000	14,000	12,400
1 OR LESS	9,000	10,000	6,000	9,000	8,100	------	7,800
2 TO 4	10,000	11,200	10,000	9,400	8,800	------	9,000
5 TO 9	11,700	13,000	16,000	10,800	10,800	------	11,000
10 TO 14	13,800	15,000	20,000	12,500	12,500	------	12,400
15 TO 19	15,100	17,000	22,000	14,100	13,800	------	13,500
20 TO 24	16,200	18,000	24,000	15,000	15,000	------	12,300
25 TO 29	17,000	19,000	24,000	15,000	15,800	------	13,400
30 TO 34	17,200	19,000	25,000	15,000	16,000	14,100	15,000
35 TO 39	17,000	18,500	25,000	13,900	15,800	14,000	15,000
40 OR MORE	16,300	18,000	22,500	13,000	15,800	14,000	14,000
NO REPORT	14,000	15,100	20,000	12,400	13,000	------	13,200
CHEMISTRY	13,500	15,600	12,000	13,000	12,000	13,800	12,000
1 OR LESS	9,000	12,000	------	10,000	8,400	------	------
2 TO 4	10,000	13,200	------	10,100	9,100	------	9,000
5 TO 9	11,500	14,400	------	11,200	10,700	------	10,500
10 TO 14	13,700	16,000	------	13,000	12,200	------	11,000
15 TO 19	15,000	17,900	------	14,700	13,700	------	13,000
20 TO 24	16,000	18,700	------	15,600	15,000	------	12,000
25 TO 29	17,000	20,000	------	16,000	16,000	------	12,800
30 TO 34	17,000	19,500	------	15,600	16,000	13,800	14,000
35 TO 39	17,000	18,200	------	15,400	16,000	13,800	15,000
40 OR MORE	16,000	18,000	------	14,900	15,000	12,000	13,700
NO REPORT	14,000	16,000	------	13,500	13,000	------	13,500
EARTH & MARINE SCIENCES	12,900	14,000	------	12,000	13,000	14,500	12,000
1 OR LESS	8,800	9,600	------	9,000	8,100	------	------
2 TO 4	9,600	10,500	------	9,400	9,000	------	------
5 TO 9	11,000	12,000	------	10,800	10,300	------	------
10 TO 14	12,600	13,500	------	12,500	12,300	------	------
15 TO 19	14,100	15,500	------	14,000	13,800	------	------
20 TO 24	15,600	16,000	------	15,500	15,600	------	------
25 TO 29	16,700	17,400	------	15,300	17,000	------	------
30 TO 34	18,000	18,000	------	17,700	18,000	------	------
35 TO 39	17,000	17,500	------	14,500	17,000	------	------
40 OR MORE	18,000	18,500	------	16,000	18,000	------	------
NO REPORT	13,500	15,000	------	12,300	13,400	------	13,000
ATMOSPHERIC & SPACE SCIENCES	13,400	16,100	------	13,700	13,000	13,000	12,000
1 OR LESS	8,900	------	------	9,600	7,700	------	------
2 TO 4	10,000	11,500	------	10,000	9,700	------	------
5 TO 9	11,900	13,900	------	12,000	11,800	------	------
10 TO 14	13,400	15,800	------	13,500	13,000	------	12,000
15 TO 19	14,000	17,000	------	15,300	13,400	------	11,300
20 TO 24	14,000	18,500	------	15,000	13,600	------	11,000
25 TO 29	14,900	21,500	------	15,000	14,100	------	12,000
30 TO 34	14,500	------	------	15,000	14,100	------	------
35 TO 39	14,100	------	------	------	13,500	------	------
40 OR MORE	------	------	------	------	------	------	------
NO REPORT	13,800	16,300	------	14,500	13,000	------	------
PHYSICS	14,000	15,900	------	12,600	12,600	------	14,000
1 OR LESS	9,700	10,000	------	9,700	9,000	------	------
2 TO 4	10,500	11,500	------	10,300	9,600	------	------
5 TO 9	12,500	14,000	------	12,000	11,900	------	------
10 TO 14	15,300	17,000	------	13,800	14,400	------	------
15 TO 19	17,900	19,600	------	16,000	16,400	------	------
20 TO 24	19,000	20,500	------	16,000	17,000	------	------
25 TO 29	20,000	21,500	------	18,000	18,900	------	------
30 TO 34	19,000	21,500	------	14,000	18,000	------	------
35 TO 39	18,000	20,000	------	14,000	18,100	------	------
40 OR MORE	17,300	20,000	------	12,500	16,000	------	------
NO REPORT	11,200	11,800	------	11,000	10,800	------	------
MATHEMATICS	13,000	14,000	------	11,400	15,000	------	15,000
1 OR LESS	9,800	9,800	------	------	------	------	------
2 TO 4	9,900	10,500	------	8,700	9,000	------	------
5 TO 9	11,500	12,000	------	10,000	12,700	------	12,000
10 TO 14	14,700	14,500	------	13,000	16,200	------	16,000
15 TO 19	17,000	17,100	------	15,400	18,500	------	19,500
20 TO 24	17,200	18,000	------	15,000	19,800	------	------
25 TO 29	17,400	18,800	------	13,800	20,200	------	------
30 TO 34	17,000	18,000	------	13,400	22,000	------	------
35 TO 39	15,800	17,500	------	11,900	25,100	------	------
40 OR MORE	15,000	16,800	------	11,200	23,500	------	------
NO REPORT	13,000	13,300	------	11,500	14,500	------	------

APPENDIX TABLE A-19. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	14,100	18,100	-------	14,400	13,800	-------	13,500
1 OR LESS	-------	-------	-------	-------	-------	-------	-------
2 TO 4	11,100	13,000	-------	11,200	11,000	-------	-------
5 TO 9	13,200	16,800	-------	13,500	13,000	-------	12,000
10 TO 14	16,000	19,000	-------	16,000	15,600	-------	15,000
15 TO 19	18,000	21,000	-------	18,000	17,400	-------	-------
20 TO 24	19,000	22,000	-------	19,600	16,800	-------	-------
25 TO 29	18,500	-------	-------	18,500	18,000	-------	-------
30 TO 34	19,000	-------	-------	-------	-------	-------	-------
35 TO 39	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,500	-------	-------	14,000	13,000	-------	-------
AGRICULTURAL SCIENCES	11,000	14,400	-------	10,900	10,000	-------	9,200
1 OR LESS	7,500	10,900	-------	7,800	6,600	-------	-------
2 TO 4	8,000	11,700	-------	8,100	7,400	-------	-------
5 TO 9	9,600	12,600	-------	9,700	8,900	-------	-------
10 TO 14	10,900	14,000	-------	10,800	10,300	-------	-------
15 TO 19	12,200	15,000	-------	12,000	11,400	-------	-------
20 TO 24	13,300	16,700	-------	13,000	12,400	-------	-------
25 TO 29	14,000	17,500	-------	13,500	13,200	-------	-------
30 TO 34	15,300	18,000	-------	15,300	14,000	-------	-------
35 TO 39	15,300	19,000	-------	14,100	14,400	-------	-------
40 OR MORE	15,000	17,500	-------	13,500	12,000	-------	-------
NO REPORT	10,800	12,500	-------	11,000	10,000	-------	-------
BIOLOGICAL SCIENCES	13,000	14,200	20,000	10,000	9,600	14,000	11,000
1 OR LESS	8,400	9,500	6,000	7,200	6,700	-------	-------
2 TO 4	9,400	11,000	10,300	7,700	7,000	-------	-------
5 TO 9	11,000	12,300	16,000	9,000	8,500	-------	9,000
10 TO 14	13,500	14,500	20,000	10,400	10,000	-------	10,000
15 TO 19	15,000	16,000	22,000	11,600	11,400	-------	12,000
20 TO 24	16,800	17,200	24,000	12,000	12,200	-------	-------
25 TO 29	17,500	18,300	24,500	12,200	13,000	-------	-------
30 TO 34	17,800	18,600	25,000	12,300	13,800	-------	-------
35 TO 39	18,000	19,000	25,000	12,000	14,000	-------	-------
40 OR MORE	17,000	17,800	22,500	11,400	13,400	-------	-------
NO REPORT	15,000	15,300	20,000	8,700	9,400	-------	-------
PSYCHOLOGY	13,200	14,500	-------	11,500	11,800	-------	-------
1 OR LESS	9,500	10,000	-------	8,500	-------	-------	-------
2 TO 4	10,500	11,200	-------	9,500	9,600	-------	-------
5 TO 9	12,000	12,900	-------	11,000	11,000	-------	-------
10 TO 14	14,000	15,000	-------	12,000	-------	-------	-------
15 TO 19	15,000	16,000	-------	13,000	-------	-------	-------
20 TO 24	15,700	16,500	-------	13,100	-------	-------	-------
25 TO 29	15,700	17,000	-------	12,900	-------	-------	-------
30 TO 34	16,000	17,500	-------	12,900	-------	-------	-------
35 TO 39	16,000	16,900	-------	13,000	-------	-------	-------
40 OR MORE	15,000	17,000	-------	12,800	-------	-------	-------
NO REPORT	12,000	13,400	-------	11,500	-------	-------	-------
STATISTICS	14,900	16,000	-------	14,000	14,200	-------	-------
1 OR LESS	12,000	-------	-------	-------	-------	-------	-------
2 TO 4	11,000	11,500	-------	11,000	-------	-------	-------
5 TO 9	13,000	14,000	-------	12,600	12,000	-------	-------
10 TO 14	15,400	16,500	-------	15,500	13,300	-------	-------
15 TO 19	17,000	19,000	-------	16,000	15,700	-------	-------
20 TO 24	18,000	20,000	-------	16,400	16,200	-------	-------
25 TO 29	18,500	21,500	-------	18,000	17,300	-------	-------
30 TO 34	19,000	20,000	-------	19,000	16,000	-------	-------
35 TO 39	17,000	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------
NO REPORT	15,000	16,200	-------	14,700	-------	-------	-------
ECONOMICS	15,000	15,800	-------	12,600	14,500	-------	15,200
1 OR LESS	10,500	11,300	-------	10,000	-------	-------	-------
2 TO 4	11,000	12,000	-------	10,000	10,000	-------	-------
5 TO 9	12,600	13,500	-------	11,500	12,000	-------	-------
10 TO 14	15,000	15,600	-------	14,000	14,600	-------	-------
15 TO 19	17,000	17,300	-------	16,000	16,900	-------	-------
20 TO 24	18,000	18,000	-------	16,400	19,000	-------	-------
25 TO 29	19,000	18,500	-------	18,000	20,900	-------	-------
30 TO 34	19,600	19,500	-------	18,000	21,800	-------	-------
35 TO 39	19,000	19,000	-------	17,600	-------	-------	-------
40 OR MORE	18,000	18,000	-------	16,300	-------	-------	-------
NO REPORT	15,100	16,500	-------	13,000	15,000	-------	-------

APPENDIX TABLE A-19. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	12,000	13,500	-------	9,300	9,000	-------	-------
1 OR LESS	8,400	10,000	-------	8,000	7,000	-------	-------
2 TO 4	9,300	10,500	-------	8,300	8,200	-------	-------
5 TO 9	11,000	12,000	-------	9,200	10,000	-------	-------
10 TO 14	13,000	13,700	-------	10,200	-------	-------	-------
15 TO 19	14,600	15,000	-------	12,000	-------	-------	-------
20 TO 24	15,000	16,000	-------	13,000	-------	-------	-------
25 TO 29	15,800	17,000	-------	12,000	-------	-------	-------
30 TO 34	16,000	16,700	-------	12,000	-------	-------	-------
35 TO 39	15,100	16,000	-------	-------	-------	-------	-------
40 OR MORE	14,500	14,500	-------	-------	-------	-------	-------
NO REPORT	13,000	14,200	-------	9,500	8,900	-------	-------
POLITICAL SCIENCE	12,000	13,000	-------	9,500	12,000	-------	12,000
1 OR LESS	9,000	9,500	-------	8,500	-------	-------	-------
2 TO 4	9,500	10,000	-------	8,600	8,800	-------	-------
5 TO 9	11,000	11,000	-------	9,600	-------	-------	-------
10 TO 14	13,000	13,500	-------	11,500	-------	-------	-------
15 TO 19	15,400	16,000	-------	12,500	-------	-------	-------
20 TO 24	16,200	16,700	-------	13,500	-------	-------	-------
25 TO 29	17,000	17,300	-------	14,500	-------	-------	-------
30 TO 34	18,500	18,500	-------	18,000	-------	-------	-------
35 TO 39	17,000	17,600	-------	-------	-------	-------	-------
40 OR MORE	20,000	20,000	-------	-------	-------	-------	------
NO REPORT	13,900	14,500	-------	10,500	-------	-------	-------
ANTHROPOLOGY	12,700	12,800	-------	11,500	-------	-------	-------
1 OR LESS	-------	-------	-------	-------	-------	-------	-------
2 TO 4	10,000	10,000	-------	-------	-------	-------	
5 TO 9	11,100	11,100	-------	-------	-------	-------	-------
10 TO 14	13,700	13,700	-------	-------	-------	-------	-------
15 TO 19	16,300	16,500	-------	-------	-------	-------	-------
20 TO 24	15,800	16,000	-------	-------	-------	-------	
25 TO 29	20,000	20,200	-------	-------	-------	-------	-------
30 TO 34	16,800	17,500	-------	-------	-------	-------	-------
35 TO 39	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,100	13,300	-------	-------	-------	-------	-------
LINGUISTICS	11,500	12,200	-------	9,000	9,000	-------	-------
1 OR LESS	-------	-------	-------	-------	-------	-------	-------
2 TO 4	9,500	10,000	-------	8,100	-------	-------	-------
5 TO 9	10,000	10,500	-------	9,000	-------	-------	-------
10 TO 14	11,500	12,000	-------	10,000	-------	-------	-------
15 TO 19	13,000	13,400	-------	10,300	-------	-------	-------
20 TO 24	13,500	14,000	-------	-------	-------	-------	-------
25 TO 29	15,600	15,800	-------	-------	-------	-------	-------
30 TO 34	16,500	15,600	-------	-------	-------	-------	-------
35 TO 39	16,500	16,500	-------	-------	-------	-------	-------
40 OR MORE	18,000	-------	-------	-------	-------	-------	-------
NO REPORT	11,900	13,000	-------	10,000	-------	-------	-------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-20. NUMBER OF SCIENTISTS, BY STATE AND FIELD, 1968

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	297,942	93,788	23,746	5,745	32,491	24,477	6,972	12,740
NEW ENGLAND	21,118	6,431	753	373	3,496	2,027	535	452
CONNECTICUT	5,321	1,913	130	70	762	557	88	68
MAINE	891	211	44	21	56	87	2	120
MASSACHUSETTS	12,137	3,629	401	251	2,307	1,113	418	100
NEW HAMPSHIRE	978	202	71	16	125	99	15	74
RHODE ISLAND	1,185	367	70	12	183	117	8	31
VERMONT	606	109	37	3	63	54	4	59
MIDDLE ATLANTIC	61,704	25,266	1,865	478	6,941	5,212	1,550	857
NEW JERSEY	14,004	8,096	208	77	1,474	955	357	129
NEW YORK	31,279	10,283	978	300	3,724	2,991	870	397
PENNSYLVANIA	16,421	6,887	679	101	1,743	1,266	323	331
EAST NORTH CENTRAL	51,044	19,696	2,231	544	4,731	4,182	727	1,382
ILLINOIS	15,250	5,676	645	260	1,433	1,259	231	284
INDIANA	6,347	2,290	260	30	570	661	68	174
MICHIGAN	10,605	3,903	483	89	868	847	192	400
OHIO	13,121	6,179	570	83	1,371	866	176	192
WISCONSIN	5,721	1,648	273	82	489	549	60	332
WEST NORTH CENTRAL	19,649	5,530	1,299	387	848	1,796	318	1,229
IOWA	3,230	810	116	21	303	288	29	171
KANSAS	2,736	675	350	28	165	284	19	136
MINNESOTA	5,189	1,574	225	42	445	498	146	332
MISSOURI	5,446	1,905	380	125	400	444	90	199
NEBRASKA	1,636	305	94	131	96	165	32	151
NORTH DAKOTA	714	154	85	18	21	57	1	98
SOUTH DAKOTA	698	107	49	22	24	60	1	142
SOUTH ATLANTIC	44,081	13,024	2,226	265	4,680	3,557	1,123	2,124
DELAWARE	2,909	2,341	27	16	129	54	14	23
DISTRICT OF COLUMBIA	8,829	1,307	759	231	1,103	659	272	250
FLORIDA	5,244	1,389	283	241	513	450	89	326
GEORGIA	3,599	880	147	78	231	318	37	426
MARYLAND	9,628	2,333	358	402	1,463	845	381	193
NORTH CAROLINA	4,499	1,370	160	84	295	350	61	297
SOUTH CAROLINA	1,756	754	45	43	121	127	9	197
VIRGINIA	5,789	1,645	349	156	759	688	251	273
WEST VIRGINIA	1,828	1,005	98	14	66	66	9	139
EAST SOUTH CENTRAL	10,346	3,441	596	148	1,005	845	153	751
ALABAMA	2,519	763	91	64	295	278	82	224
KENTUCKY	2,398	809	170	25	143	207	20	144
MISSISSIPPI	1,258	244	180	22	55	79	11	202
TENNESSEE	4,171	1,625	155	37	512	281	40	181
WEST SOUTH CENTRAL	24,059	6,628	6,981	446	1,642	1,557	415	997
ARKANSAS	1,050	269	66	12	45	65	5	185
LOUISIANA	4,417	1,203	1,441	57	180	260	33	242
OKLAHOMA	3,731	1,109	1,183	96	169	229	42	134
TEXAS	14,861	4,047	4,291	281	1,248	1,003	335	436
MOUNTAIN	16,334	2,807	3,047	571	2,053	1,096	310	1,902
ARIZONA	2,414	401	342	68	286	192	68	196
COLORADO	5,394	874	1,407	228	621	390	93	369
IDAHO	1,206	248	101	14	104	43	7	356
MONTANA	1,193	140	175	44	40	73	4	354
NEVADA	693	134	134	47	67	27	9	89
NEW MEXICO	2,558	434	286	86	742	214	91	210
UTAH	2,022	438	305	72	156	128	37	186
WYOMING	854	138	297	12	37	29	1	142
PACIFIC	43,950	10,251	3,597	98	6,049	3,851	1,748	2,788
ALASKA	651	38	170	58	31	19	9	175
CALIFORNIA	33,275	8,150	2,777	629	5,160	3,123	1,565	1,088
HAWAII	1,207	195	104	98	84	88	24	74
OREGON	3,445	567	194	60	194	214	24	837
WASHINGTON	5,372	1,301	352	139	580	407	126	614
U.S. TERRITORIES & POSSESSIONS	571	149	36	80	36	20	2	28
CANAL ZONE	55	5	13	13	2	1	------	2
GUAM	58	4	1	39	1	------	------	2
PUERTO RICO	439	136	20	28	32	19	2	22
VIRGIN ISLANDS	19	4	2	------	1	------	------	2
FOREIGN	5,086	565	1,115	469	404	334	91	230

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-20. NUMBER OF SCIENTISTS, BY STATE AND FIELD, 1968—CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS	46,183	23,077	2,639	11,510	6,638	5,176	1,219	1,541
NEW ENGLAND	3,299	1,612	119	826	530	419	119	127
CONNECTICUT	757	459	47	185	121	92	30	42
MAINE	187	71	2	38	29	17	3	3
MASSACHUSETTS	1,807	884	63	478	303	245	69	69
NEW HAMPSHIRE	201	61	2	55	26	23	5	3
RHODE ISLAND	191	83	3	38	41	25	7	9
VERMONT	156	54	2	32	10	17	5	1
MIDDLE ATLANTIC	8,392	5,548	558	2,174	1,304	1,051	231	277
NEW JERSEY	1,263	823	113	208	142	128	12	19
NEW YORK	4,803	3,335	325	1,453	851	633	155	181
PENNSYLVANIA	2,326	1,390	120	513	311	290	64	77
EAST NORTH CENTRAL	8,067	4,187	349	2,057	1,430	941	208	312
ILLINOIS	2,546	1,314	98	662	405	251	83	103
INDIANA	1,156	442	43	282	182	112	22	55
MICHIGAN	1,668	963	74	427	334	237	48	72
OHIO	1,582	1,013	95	433	294	202	22	43
WISCONSIN	1,115	455	39	253	215	139	33	39
WEST NORTH CENTRAL	3,944	1,711	138	870	510	341	53	69
IOWA	752	329	35	179	107	66	8	16
KANSAS	505	295	19	117	56	57	15	15
MINNESOTA	973	484	42	188	127	83	10	20
MISSOURI	1,009	356	32	247	150	85	12	12
NEBRASKA	357	136	6	76	48	29	6	4
NORTH DAKOTA	175	55	1	30	8	11	------	------
SOUTH DAKOTA	173	56	3	33	14	10	2	2
SOUTH ATLANTIC	7,559	2,936	787	2,523	938	1,016	127	196
DELAWARE	163	70	19	29	9	12	2	1
DISTRICT OF COLUMBIA	1,087	595	314	1,391	226	485	50	100
FLORIDA	984	526	40	168	127	71	16	21
GEORGIA	779	318	38	175	104	55	7	6
MARYLAND	2,333	548	223	194	175	133	18	29
NORTH CAROLINA	1,028	306	69	177	176	86	26	14
SOUTH CAROLINA	251	94	6	67	23	16	------	3
VIRGINIA	716	391	72	261	71	131	7	19
WEST VIRGINIA	218	88	6	61	27	27	1	3
EAST SOUTH CENTRAL	1,848	687	57	379	238	152	28	18
ALABAMA	395	144	17	87	40	31	5	3
KENTUCKY	434	200	13	97	78	38	13	7
MISSISSIPPI	291	73	------	52	31	16	------	2
TENNESSEE	728	270	27	143	89	67	10	6
WEST SOUTH CENTRAL	2,917	1,117	123	547	313	256	42	78
ARKANSAS	236	78	4	49	19	13	4	------
LOUISIANA	607	143	18	98	64	45	11	15
OKLAHOMA	410	174	22	92	31	31	6	3
TEXAS	1,664	722	79	308	199	167	21	60
MOUNTAIN	2,501	975	122	391	225	185	103	46
ARIZONA	420	190	13	91	50	43	45	9
COLORADO	699	388	37	106	74	73	24	11
IDAHO	213	65	2	24	12	9	3	5
MONTANA	255	38	8	35	11	10	3	3
NEVADA	95	38	2	21	10	14	5	1
NEW MEXICO	266	100	30	42	15	17	16	9
UTAH	433	115	25	53	45	15	6	8
WYOMING	120	41	5	19	8	4	1	------
PACIFIC	6,952	3,997	351	1,341	921	632	231	257
ALASKA	114	15	2	9	4	3	3	1
CALIFORNIA	4,790	3,220	278	995	674	477	164	185
HAWAII	276	97	5	44	31	31	16	40
OREGON	787	254	22	125	92	45	21	9
WASHINGTON	985	411	44	168	120	76	27	22
U.S. TERRITORIES & POSSESSIONS	109	36	3	25	13	11	5	18
CANAL ZONE	16	3	------	------	------	------	------	------
GUAM	6	1	------	1	1	1	------	1
PUERTO RICO	81	30	3	22	12	10	5	17
VIRGIN ISLANDS	6	2	------	2	------	------	------	------
FOREIGN	595	271	32	377	216	172	72	143

APPENDIX TABLE A-21. NUMBER OF SCIENTISTS, BY STATE AND HIGHEST DEGREE, 1968

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	297,942	111,206	7,455	86,717	89,141	353	3,070
NEW ENGLAND	21,118	8,617	741	6,167	5,345	25	223
CONNECTICUT	5,321	2,104	144	1,603	1,410	7	53
MAINE	891	285	13	317	265	------	11
MASSACHUSETTS	12,137	5,091	507	3,448	2,942	14	135
NEW HAMPSHIRE	978	390	27	296	259	1	5
RHODE ISLAND	1,185	488	18	318	341	2	18
VERMONT	606	259	32	185	128	1	1
MIDDLE ATLANTIC	61,704	23,838	1,947	17,583	17,553	85	698
NEW JERSEY	14,004	5,292	149	3,856	4,492	24	191
NEW YORK	31,279	12,407	1,282	9,111	8,117	33	329
PENNSYLVANIA	16,421	6,139	516	4,616	4,944	28	178
EAST NORTH CENTRAL	51,044	19,337	1,088	15,710	14,452	51	438
ILLINOIS	15,250	5,662	401	4,728	4,279	19	155
INDIANA	6,347	2,617	80	1,892	1,699	3	56
MICHIGAN	10,605	4,131	170	3,477	2,735	11	81
OHIO	13,121	4,642	273	3,773	4,310	16	107
WISCONSIN	5,721	2,285	126	1,840	1,429	2	39
WEST NORTH CENTRAL	19,649	7,440	559	6,010	5,460	17	163
IOWA	3,230	1,307	84	1,079	741	2	17
KANSAS	2,736	1,027	52	810	833	3	11
MINNESOTA	5,189	2,015	182	1,420	1,524	4	44
MISSOURI	5,446	2,006	197	1,664	1,524	7	48
NEBRASKA	1,636	570	33	569	435	1	28
NORTH DAKOTA	714	257	7	224	216	------	10
SOUTH DAKOTA	698	258	4	244	187	------	5
SOUTH ATLANTIC	44,081	17,395	1,309	12,325	12,575	41	436
DELAWARE	2,909	1,628	16	520	729	1	15
DISTRICT OF COLUMBIA	8,829	3,428	229	2,885	2,208	4	75
FLORIDA	5,244	2,008	118	1,525	1,511	3	79
GEORGIA	3,599	1,423	78	1,011	1,038	4	45
MARYLAND	9,628	3,728	550	2,513	2,745	7	85
NORTH CAROLINA	4,499	2,088	173	1,068	1,117	5	48
SOUTH CAROLINA	1,756	610	20	477	631	3	15
VIRGINIA	5,789	1,929	101	1,839	1,857	7	56
WEST VIRGINIA	1,828	553	24	487	739	7	18
EAST SOUTH CENTRAL	10,346	3,911	261	2,947	3,133	8	86
ALABAMA	2,519	829	57	776	833	1	23
KENTUCKY	2,398	878	77	691	723	4	25
MISSISSIPPI	1,258	422	27	368	434	1	6
TENNESSEE	4,171	1,782	100	1,112	1,143	2	32
WEST SOUTH CENTRAL	24,059	6,833	381	6,970	9,558	54	263
ARKANSAS	1,050	378	16	292	357	------	7
LOUISIANA	4,417	1,249	66	1,362	1,692	6	42
OKLAHOMA	3,731	1,085	40	1,084	1,467	10	45
TEXAS	14,861	4,121	259	4,232	6,042	38	169
MOUNTAIN	16,334	5,609	228	4,743	5,588	21	145
ARIZONA	2,414	953	23	682	727	3	26
COLORADO	5,394	1,845	94	1,661	1,737	9	48
IDAHO	1,206	321	6	363	509	------	7
MONTANA	1,193	315	13	350	505	1	9
NEVADA	693	190	3	205	284	------	11
NEW MEXICO	2,558	1,065	34	684	753	2	20
UTAH	2,022	731	50	538	682	4	17
WYOMING	854	189	5	260	391	2	7
PACIFIC	43,950	16,120	880	12,667	13,742	43	498
ALASKA	651	117	2	216	306	------	10
CALIFORNIA	33,270	12,572	675	9,641	9,950	37	400
HAWAII	1,207	478	14	356	339	1	19
OREGON	3,445	1,154	56	881	1,324	1	29
WASHINGTON	5,372	1,799	133	1,573	1,823	4	40
U.S. TERRITORIES AND POSSESSIONS	571	202	12	164	177	2	14
CANAL ZONE	55	15	2	17	18	1	2
GUAM	58	5	1	17	33	------	2
PUERTO RICO	439	177	9	122	120	1	10
VIRGIN ISLANDS	19	5	------	8	6	------	------
FOREIGN	5,086	1,904	81	1,431	1,558	6	106

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APPENDIX TABLE A-22. NUMBER OF SCIENTISTS, BY STATE AND TYPE OF EMPLOYER, 1968

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL LOCATIONS	297,942	117,746	29,666	10,031	11,204	95,776	6,462	7,155	1,729	12,707	5,466
NEW ENGLAND	21,118	9,689	1,197	508	1,055	6,240	353	307	116	1,054	599
CONNECTICUT	5,321	2,105	165	149	164	2,164	107	42	24	256	145
MAINE	891	431	50	67	50	163	17	27	6	58	22
MASSACHUSETTS	12,137	5,493	806	193	774	3,507	186	169	74	585	350
NEW HAMPSHIRE	978	582	84	36	16	131	20	27	4	56	22
RHODE ISLAND	1,185	682	72	27	36	203	12	40	6	63	44
VERMONT	606	396	20	36	15	72	11	2	2	36	16
MIDDLE ATLANTIC	61,704	21,884	1,808	1,747	2,690	27,414	1,256	426	390	2,862	1,227
NEW JERSEY	14,004	2,691	448	188	277	9,188	239	92	61	619	201
NEW YORK	31,279	12,650	671	1,117	1,757	11,702	807	277	238	1,402	658
PENNSYLVANIA	16,421	6,543	689	442	656	6,524	210	57	91	841	368
EAST NORTH CENTRAL	51,044	23,936	2,177	1,696	1,959	16,426	715	503	303	2,313	1,016
ILLINOIS	15,250	7,035	552	546	706	4,878	279	171	93	667	323
INDIANA	6,347	3,490	147	128	77	1,922	64	25	22	336	136
MICHIGAN	10,605	5,051	293	401	259	3,658	118	65	55	493	212
OHIO	13,121	4,832	945	343	791	4,959	187	217	96	538	213
WISCONSIN	5,721	3,528	240	278	126	1,009	67	25	37	279	132
WEST NORTH CENTRAL	19,649	10,383	1,370	814	585	4,587	306	352	82	790	380
IOWA	3,230	2,264	130	108	43	422	29	17	10	139	68
KANSAS	2,736	1,595	117	122	84	453	106	64	7	137	51
MINNESOTA	5,189	2,397	311	204	208	1,713	56	16	20	173	91
MISSOURI	5,446	2,388	373	224	203	1,760	67	78	31	217	105
NEBRASKA	1,636	938	158	73	26	183	23	138	7	62	28
NORTH DAKOTA	714	374	145	45	13	28	13	33	4	36	23
SOUTH DAKOTA	698	427	136	38	8	28	12	6	3	26	14
SOUTH ATLANTIC	44,081	13,628	12,067	1,422	1,514	9,998	610	2,161	239	1,792	650
DELAWARE	2,909	310	11	27	26	2,332	15	16	2	142	28
DISTRICT OF COLUMBIA	8,829	1,047	5,320	234	607	596	116	557	101	171	80
FLORIDA	5,244	2,487	542	250	112	970	135	198	23	427	100
GEORGIA	3,599	1,757	473	139	40	743	57	158	19	143	70
MARYLAND	9,628	2,272	4,073	207	225	1,497	116	744	27	331	136
NORTH CAROLINA	4,499	2,502	281	148	115	989	38	99	27	196	104
SOUTH CAROLINA	1,756	770	113	91	8	567	30	63	18	69	27
VIRGINIA	5,789	1,874	1,097	235	369	1,459	79	323	20	250	83
WEST VIRGINIA	1,828	609	157	91	12	845	24	3	2	63	22
EAST SOUTH CENTRAL	10,346	4,546	1,054	361	216	3,124	161	265	70	381	168
ALABAMA	2,519	994	423	94	91	635	22	146	10	82	22
KENTUCKY	2,398	1,310	164	85	39	544	32	58	12	107	47
MISSISSIPPI	1,258	539	227	65	5	251	63	44	5	35	24
TENNESSEE	4,171	1,703	240	117	81	1,694	44	17	43	157	75
WEST SOUTH CENTRAL	24,059	7,655	1,547	485	400	10,947	1,288	524	70	761	382
ARKANSAS	1,050	557	147	45	8	190	23	15	3	42	20
LOUISIANA	4,417	1,576	314	87	46	1,969	191	52	7	107	68
OKLAHOMA	3,731	1,104	244	63	56	1,759	216	91	5	122	71
TEXAS	14,861	4,418	842	290	290	7,029	858	366	55	490	223
MOUNTAIN	16,334	6,688	3,350	697	271	3,228	528	575	98	663	236
ARIZONA	2,414	1,216	328	96	43	398	71	49	13	162	38
COLORADO	5,394	1,957	1,114	167	120	1,256	200	247	35	216	82
IDAHO	1,206	405	354	90	3	274	15	12	14	24	15
MONTANA	1,193	454	377	82	8	108	47	38	5	52	22
NEVADA	693	266	168	44	5	130	24	20	2	24	10
NEW MEXICO	2,558	1,164	448	87	66	501	53	131	21	67	20
UTAH	2,022	959	365	73	17	354	62	58	5	88	41
WYOMING	854	267	196	58	9	207	56	20	3	30	8
PACIFIC	43,950	17,660	4,393	2,113	2,201	12,486	1,172	1,035	204	1,945	741
ALASKA	651	167	200	116	3	90	10	51	------	11	3
CALIFORNIA	33,275	12,786	2,701	1,432	1,751	10,595	1,012	761	153	1,530	553
HAWAII	1,207	634	143	65	40	113	8	116	16	50	22
OREGON	3,445	1,659	763	228	60	399	70	21	12	154	79
WASHINGTON	5,372	2,414	586	272	347	1,288	72	86	23	200	84
U.S. TERRITORIES & POSSESSIONS	571	250	82	28	6	77	9	86	4	18	11
CANAL ZONE	55	5	22	4	3	2	------	18	------	------	1
GUAM	58	9	4	3	------	------	------	41	------	1	------
PUERTO RICO	439	229	52	19	3	72	9	26	4	16	9
VIRGIN ISLANDS	19	7	4	2	------	3	------	1	------	1	1
FOREIGN	5,086	1,427	621	160	307	1,249	64	921	153	128	56

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APPENDIX TABLE A-23. NUMBER OF SCIENTISTS, BY STATE AND PRIMARY WORK ACTIVITY, 1968

LOCATION	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL LOCATIONS	297,942	96,036	46,177	38,841	62,870	28,568	62,087	16,847	12,334	14,365	8,416	12,707	12,280
NEW ENGLAND	21,118	7,768	4,228	2,632	3,724	1,942	4,948	798	932	420	447	1,054	1,027
CONNECTICUT	5,321	1,908	874	730	1,079	577	1,119	237	234	113	121	256	254
MAINE	891	161	75	70	198	65	317	37	32	23	34	58	31
MASSACHUSETTS	12,137	4,922	2,799	1,604	1,985	1,126	2,557	442	587	242	226	565	591
NEW HAMPSHIRE	978	245	145	79	171	57	373	21	30	23	18	56	41
RHODE ISLAND	1,185	402	256	110	188	89	332	47	27	14	33	63	79
VERMONT	606	130	79	39	103	28	250	14	22	5	15	36	31
MIDDLE ATLANTIC	61,704	21,455	9,521	8,593	13,033	6,527	11,309	4,187	3,193	1,502	1,565	2,862	2,598
NEW JERSEY	14,004	5,631	1,973	2,497	3,298	1,970	1,474	1,373	509	265	293	619	542
NEW YORK	31,279	10,278	5,094	3,820	6,505	2,892	6,300	1,704	1,966	904	867	1,402	1,353
PENNSYLVANIA	16,421	5,546	2,454	2,276	3,230	1,665	3,535	1,110	718	333	405	841	703
EAST NORTH CENTRAL	51,044	16,572	8,490	6,042	9,657	4,600	12,841	3,314	1,841	1,199	1,230	2,313	2,077
ILLINOIS	15,250	5,082	2,766	1,789	3,047	1,408	3,454	1,008	668	389	332	667	603
INDIANA	6,347	1,994	1,096	676	1,056	469	1,922	386	133	113	160	336	247
MICHIGAN	10,605	3,439	1,718	1,293	1,944	887	2,737	652	368	241	259	493	472
OHIO	13,121	4,247	1,769	1,746	2,670	1,456	2,930	1,046	473	379	344	538	494
WISCONSIN	5,721	1,810	1,141	538	940	380	1,798	222	199	77	135	279	261
WEST NORTH CENTRAL	19,649	5,604	2,871	2,255	3,679	1,473	5,868	908	795	640	530	790	835
IOWA	3,230	1,008	644	331	443	155	1,178	111	99	46	73	139	133
KANSAS	2,736	636	372	235	372	117	945	161	138	139	96	137	112
MINNESOTA	5,189	1,724	748	710	1,071	530	1,319	211	246	113	122	173	210
MISSOURI	5,446	1,559	736	691	1,188	504	1,350	356	211	184	140	217	241
NEBRASKA	1,636	356	186	158	325	91	565	39	66	95	62	62	66
NORTH DAKOTA	714	164	109	54	120	41	233	23	21	43	26	36	48
SOUTH DAKOTA	698	157	78	76	160	35	278	7	14	20	11	26	25
SOUTH ATLANTIC	44,081	14,771	6,932	6,526	11,430	5,856	7,335	1,970	1,570	1,821	1,639	1,792	1,753
DELAWARE	2,909	1,206	408	573	743	416	166	276	85	44	147	142	100
DISTRICT OF COLUMBIA	8,829	2,718	1,189	1,401	3,385	1,912	608	120	385	649	448	171	345
FLORIDA	5,244	1,474	745	609	1,019	408	1,251	219	266	187	172	427	229
GEORGIA	3,599	890	451	390	843	267	1,006	204	144	96	105	143	168
MARYLAND	9,628	4,320	2,398	1,690	2,247	1,396	1,046	314	294	405	292	331	379
NORTH CAROLINA	4,499	1,473	856	488	847	352	1,267	171	122	116	114	196	193
SOUTH CAROLINA	1,756	416	170	163	448	131	477	154	44	42	49	69	57
VIRGINIA	5,789	1,782	606	981	1,478	791	1,128	274	182	232	251	250	212
WEST VIRGINIA	1,828	492	149	231	420	183	386	238	48	50	61	63	70
EAST SOUTH CENTRAL	10,346	3,053	1,523	1,176	2,124	852	2,711	680	269	404	322	381	402
ALABAMA	2,519	706	258	371	611	272	640	141	57	99	83	82	100
KENTUCKY	2,398	579	331	186	421	135	784	181	72	64	82	107	108
MISSISSIPPI	1,258	301	137	154	302	70	317	66	23	110	47	35	57
TENNESSEE	4,171	1,467	797	465	790	375	970	292	117	131	110	157	137
WEST SOUTH CENTRAL	24,059	5,642	2,400	2,603	4,594	1,618	4,424	2,316	787	3,869	658	761	1,008
ARKANSAS	1,050	221	112	96	275	75	317	50	31	42	33	42	39
LOUISIANA	4,417	843	408	369	759	195	899	555	99	868	97	107	190
OKLAHOMA	3,731	897	364	439	730	277	669	297	110	627	125	122	154
TEXAS	14,861	3,681	1,516	1,699	2,830	1,071	2,539	1,414	547	2,332	403	490	625
MOUNTAIN	16,334	4,709	2,317	2,079	3,812	1,221	3,415	622	561	1,506	457	663	589
ARIZONA	2,414	683	370	255	453	151	657	71	104	144	65	162	75
COLORADO	5,394	1,630	836	681	1,069	386	1,092	191	213	662	124	216	197
IDAHO	1,206	268	95	150	455	116	224	57	36	40	60	24	42
MONTANA	1,193	195	101	91	403	70	303	32	31	89	45	52	43
NEVADA	693	180	68	99	176	59	122	37	20	76	25	24	33
NEW MEXICO	2,558	1,079	485	525	583	256	354	93	59	185	60	67	78
UTAH	2,022	534	285	215	439	136	508	84	75	148	57	88	89
WYOMING	854	140	77	63	234	47	155	57	23	162	21	30	32
PACIFIC	43,950	15,180	7,100	6,521	9,358	4,036	8,292	1,890	2,179	2,062	1,286	1,945	1,758
ALASKA	651	161	87	73	221	56	75	21	16	97	21	11	28
CALIFORNIA	33,275	11,913	5,412	5,147	6,683	3,294	5,945	1,491	1,819	1,623	935	1,530	1,336
HAWAII	1,207	410	236	163	231	72	259	37	47	60	56	50	57
OREGON	3,445	866	502	333	1,019	191	841	103	115	84	118	154	145
WASHINGTON	5,372	1,830	863	805	1,204	423	1,172	238	182	198	156	200	192
U.S. TERRITORIES AND POSSESSIONS	571	116	74	40	126	31	138	38	18	48	37	18	32
CANAL ZONE	55	12	9	3	15	5	4	3	2	11	6	------	2
GUAM	58	2	------	1	16	2	6	------	------	15	15	1	3
PUERTO RICO	439	100	65	34	89	21	124	33	13	21	16	16	27
VIRGIN ISLANDS	19	2	------	2	6	3	4	2	3	1	------	1	------
FOREIGN	5,086	1,166	721	374	1,333	412	806	124	189	894	245	128	201

(A) INCLUDES DEVELOPMENT OR DESIGN. (B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-24. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND FIELD, 1968

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	13,200	13,500	12,900	13,400	14,000	13,000	14,100	11,000
NEW ENGLAND	13,000	13,100	11,800	14,000	14,500	13,300	14,000	10,600
CONNECTICUT	13,300	13,800	11,000	13,900	13,500	13,500	13,100	12,100
MAINE	10,800	11,500	10,600	11,900	10,000	9,000	12,100	10,000
MASSACHUSETTS	13,600	13,200	12,500	14,400	15,000	14,200	14,200	11,500
NEW HAMPSHIRE	11,600	10,700	11,400	11,500	12,500	12,000	12,200	10,400
RHODE ISLAND	12,400	12,000	12,200	10,200	13,500	11,000	12,500	10,500
VERMONT	11,000	10,800	9,300	11,900	11,400	10,600	9,600	9,500
MIDDLE ATLANTIC	14,000	14,200	12,000	13,000	14,700	14,300	14,500	11,000
NEW JERSEY	14,300	14,500	11,200	12,500	16,000	15,000	14,800	11,400
NEW YORK	14,200	14,400	12,300	13,000	14,400	15,000	15,000	11,000
PENNSYLVANIA	13,000	13,400	11,900	12,500	13,700	12,000	13,000	11,000
EAST NORTH CENTRAL	13,000	13,000	11,600	12,600	13,000	12,000	13,000	11,300
ILLINOIS	13,000	13,000	12,100	12,500	13,000	12,600	13,000	12,300
INDIANA	12,300	13,000	11,200	12,600	12,000	11,000	12,200	11,000
MICHIGAN	13,000	13,200	11,600	13,000	13,200	12,000	13,000	11,000
OHIO	12,900	13,100	11,200	13,200	13,400	12,000	13,000	11,800
WISCONSIN	12,000	11,600	11,000	12,000	11,400	11,200	12,000	10,700
WEST NORTH CENTRAL	12,100	13,000	11,500	13,000	11,700	11,200	12,700	10,900
IOWA	12,000	12,000	11,200	11,300	11,000	11,500	12,000	12,300
KANSAS	11,300	11,000	12,000	14,000	10,300	9,400	11,000	10,000
MINNESOTA	13,000	13,500	11,000	13,400	12,000	12,700	13,500	10,500
MISSOURI	13,000	13,800	11,000	13,400	12,400	11,900	12,000	11,000
NEBRASKA	11,000	10,000	11,200	12,000	10,000	10,500	14,500	10,900
NORTH DAKOTA	11,200	11,000	10,400	10,200	10,000	8,700	-------	10,600
SOUTH DAKOTA	11,000	10,800	11,000	12,800	11,800	8,700	-------	10,800
SOUTH ATLANTIC	14,000	14,000	13,000	13,800	14,200	14,000	14,500	11,500
DELAWARE	15,800	16,200	10,100	18,500	15,000	12,800	11,200	9,900
DISTRICT OF COLUMBIA	16,100	14,900	14,800	15,300	15,800	17,000	15,800	16,500
FLORIDA	12,300	12,000	12,000	12,900	13,000	12,200	12,600	10,900
GEORGIA	12,300	12,000	11,800	12,500	12,000	11,500	13,000	11,000
MARYLAND	14,400	13,800	13,300	14,900	14,400	14,900	14,900	12,500
NORTH CAROLINA	12,300	13,500	10,400	11,600	11,800	11,000	12,000	11,000
SOUTH CAROLINA	12,000	13,000	10,200	12,000	13,000	10,700	11,000	10,200
VIRGINIA	13,000	13,000	12,500	13,400	13,500	14,400	14,500	10,900
WEST VIRGINIA	12,300	13,400	10,800	12,000	9,500	9,000	10,400	9,600
EAST SOUTH CENTRAL	12,400	13,000	11,200	12,300	13,500	11,000	12,600	10,700
ALABAMA	13,000	13,300	10,600	12,800	13,200	12,700	13,000	11,300
KENTUCKY	11,500	11,900	11,000	11,900	10,700	9,400	10,000	10,900
MISSISSIPPI	11,500	11,400	12,000	12,900	10,000	9,500	9,600	10,000
TENNESSEE	12,900	13,500	10,500	12,200	14,400	11,200	12,300	11,000
WEST SOUTH CENTRAL	12,900	13,000	13,200	12,600	12,600	12,000	13,000	10,900
ARKANSAS	11,500	10,600	9,300	12,800	10,000	10,800	8,100	10,400
LOUISIANA	12,400	13,000	13,000	12,900	10,800	10,900	12,000	11,100
OKLAHOMA	13,000	13,700	13,000	12,200	11,600	10,500	12,400	11,000
TEXAS	13,000	13,000	13,500	12,500	13,400	12,300	13,000	10,900
MOUNTAIN	12,200	12,400	12,600	13,800	14,700	12,000	14,000	10,400
ARIZONA	12,000	12,000	12,500	12,500	12,300	12,600	15,300	10,400
COLORADO	12,600	12,000	13,700	14,500	13,800	11,800	13,800	11,000
IDAHO	10,900	12,000	10,600	13,000	13,800	10,200	13,000	10,000
MONTANA	10,800	10,800	11,800	11,700	10,500	10,300	12,700	9,700
NEVADA	12,000	12,100	13,000	13,000	13,200	10,500	13,700	10,000
NEW MEXICO	14,200	15,200	12,000	14,000	16,300	14,100	13,800	10,900
UTAH	12,200	12,900	12,000	14,000	11,100	11,200	13,000	11,200
WYOMING	11,500	12,000	12,000	12,900	10,500	9,700	-------	10,000
PACIFIC	13,500	13,500	13,000	13,300	15,300	14,600	14,700	11,000
ALASKA	11,900	9,600	14,000	14,400	-------	11,900	12,000	12,000
CALIFORNIA	14,000	14,000	13,100	13,500	15,800	15,000	15,000	11,200
HAWAII	10,200	9,200	13,000	13,400	10,600	10,800	-------	11,700
OREGON	11,400	11,000	12,000	12,300	10,800	10,700	6,600	10,300
WASHINGTON	12,200	12,500	12,000	12,900	13,400	12,500	13,000	10,800
U.S. TERRITORIES AND POSSESSIONS	11,700	11,000	9,500	12,900	9,700	7,200	-------	11,700
CANAL ZONE	15,000	12,000	15,700	15,100	-------	-------	-------	6,300
GUAM	10,000	-------	-------	-------	-------	-------	-------	-------
PUERTO RICO	11,300	11,000	10,800	13,000	10,100	7,600	12,000	11,700
VIRGIN ISLANDS	12,000	11,500	11,900	-------	-------	-------	-------	12,000
FOREIGN	13,400	14,000	14,900	11,900	8,400	11,200	14,000	14,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-24. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND FIELD, 1968—CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS	13,000	13,200	14,900	15,000	12,000	12,000	12,700	11,500
NEW ENGLAND	12,600	12,900	14,200	13,800	12,000	12,000	13,000	12,000
CONNECTICUT	13,000	13,000	13,800	14,000	11,500	11,100	12,600	11,000
MAINE	11,000	12,500	9,700	12,100	9,200	10,400	9,500	10,000
MASSACHUSETTS	13,000	13,000	15,000	14,000	12,500	12,400	13,500	12,000
NEW HAMPSHIRE	10,600	9,700	------	11,000	12,500	10,500	13,500	17,000
RHODE ISLAND	12,600	12,500	15,000	14,200	9,500	10,000	12,200	14,600
VERMONT	12,000	11,000	14,000	11,500	12,000	11,000	9,400	------
MIDDLE ATLANTIC	14,000	13,400	14,600	15,000	12,300	12,000	12,300	12,000
NEW JERSEY	14,000	13,100	14,900	13,900	10,200	11,500	11,300	11,300
NEW YORK	14,500	13,500	14,200	16,000	12,500	12,500	13,000	12,000
PENNSYLVANIA	13,500	13,000	14,900	13,600	12,000	11,000	11,800	11,500
EAST NORTH CENTRAL	13,000	13,100	13,500	14,500	12,000	11,500	13,200	11,900
ILLINOIS	13,000	13,500	13,500	15,500	12,700	12,400	13,700	11,900
INDIANA	13,200	13,200	13,500	14,500	11,500	10,800	12,300	12,000
MICHIGAN	13,000	13,500	13,200	14,300	12,500	11,000	13,400	11,100
OHIO	12,500	12,500	13,500	14,000	12,000	11,000	11,200	10,800
WISCONSIN	11,900	13,000	11,000	14,000	11,000	11,500	15,000	13,300
WEST NORTH CENTRAL	12,800	13,000	14,000	13,900	11,500	11,000	12,000	10,500
IOWA	13,200	12,000	13,000	14,000	11,000	12,000	12,000	10,400
KANSAS	11,100	13,000	14,000	12,300	10,000	10,600	12,000	10,500
MINNESOTA	13,000	13,800	15,500	14,000	12,000	11,000	11,800	11,500
MISSOURI	13,500	13,500	15,200	14,500	12,900	11,500	12,000	9,700
NEBRASKA	12,000	12,000	12,000	13,500	10,100	11,000	12,000	8,800
NORTH DAKOTA	11,800	12,000	------	12,600	12,000	7,800	------	------
SOUTH DAKOTA	12,000	12,000	13,500	12,500	9,500	12,000	------	------
SOUTH ATLANTIC	13,600	14,000	16,400	16,000	12,800	14,000	14,400	11,800
DELAWARE	14,400	12,500	13,400	14,500	13,000	10,200	------	------
DISTRICT OF COLUMBIA	16,000	16,300	17,000	18,400	15,000	16,400	15,000	11,500
FLORIDA	12,000	13,000	13,900	13,500	12,000	10,300	13,500	11,000
GEORGIA	13,000	13,500	14,100	13,900	11,000	11,000	11,600	13,000
MARYLAND	14,600	14,900	16,500	14,700	13,100	12,200	15,000	13,200
NORTH CAROLINA	13,200	12,500	15,600	13,500	11,300	11,000	12,800	10,500
SOUTH CAROLINA	11,500	12,300	12,000	13,200	10,700	10,000	------	9,000
VIRGINIA	12,800	13,000	16,500	14,100	12,000	12,500	15,600	10,000
WEST VIRGINIA	12,000	12,000	13,000	12,300	10,400	9,600	------	------
EAST SOUTH CENTRAL	13,000	12,400	12,400	13,500	11,000	11,000	13,000	12,000
ALABAMA	13,500	12,500	12,300	14,000	11,600	11,600	12,000	11,200
KENTUCKY	13,500	12,000	12,000	13,200	11,000	11,000	12,900	12,000
MISSISSIPPI	12,200	12,200	------	13,500	12,000	10,000	------	------
TENNESSEE	13,000	12,500	12,600	13,300	10,400	10,400	14,300	11,000
WEST SOUTH CENTRAL	12,500	13,000	13,800	13,900	11,300	11,000	14,000	12,000
ARKANSAS	12,000	11,300	15,000	14,400	11,600	9,000	11,700	------
LOUISIANA	12,000	12,100	12,200	13,300	10,500	11,200	14,000	10,000
OKLAHOMA	12,500	12,000	15,300	13,600	11,200	10,300	15,000	11,500
TEXAS	13,000	13,100	14,000	14,000	11,500	11,000	14,000	12,000
MOUNTAIN	11,500	12,100	13,700	13,300	11,000	10,500	12,500	10,400
ARIZONA	11,100	12,000	13,700	13,000	11,000	11,900	12,400	11,900
COLORADO	12,000	12,400	13,500	13,600	11,500	10,000	13,000	11,000
IDAHO	10,900	10,800	10,800	12,200	7,900	8,500	------	8,000
MONTANA	11,000	11,400	11,000	13,000	14,000	10,600	12,500	9,000
NEVADA	10,100	12,700	------	12,400	12,000	9,400	11,700	------
NEW MEXICO	12,500	12,600	16,600	13,500	10,000	11,700	13,200	15,000
UTAH	12,500	12,000	12,000	13,300	12,000	10,800	12,500	10,800
WYOMING	10,600	12,000	14,000	13,500	9,000	9,600	------	------
PACIFIC	13,000	13,600	14,400	14,100	11,500	12,000	12,000	11,000
ALASKA	12,600	14,500	9,800	14,800	------	------	------	------
CALIFORNIA	13,000	13,900	15,000	14,500	11,800	12,000	12,000	11,200
HAWAII	12,200	12,600	------	14,000	9,600	9,600	11,500	10,800
OREGON	12,000	13,600	13,900	13,500	11,700	11,900	11,000	9,500
WASHINGTON	12,500	12,200	13,800	13,500	11,300	12,000	13,000	10,000
U.S. TERRITORIES AND POSSESSIONS	12,000	10,000	10,700	13,000	10,000	9,600	9,600	9,800
CANAL ZONE	15,000	20,000	------	------	------	------	------	------
GUAM	8,900	------	------	------	------	------	------	------
PUERTO RICO	12,400	10,000	10,700	13,000	10,000	9,600	9,600	12,000
VIRGIN ISLANDS	8,400	------	------	------	------	------	------	------
FOREIGN	12,200	12,400	16,700	17,000	11,500	12,000	12,200	9,500

APPENDIX TABLE A-25. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND HIGHEST DEGREE, 1968

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	13,200	15,000	20,000	12,000	12,000	14,000	12,400
NEW ENGLAND	13,000	14,200	16,000	11,700	12,000	16,000	12,500
CONNECTICUT	13,300	15,000	20,000	12,000	12,000	15,000	12,200
MAINE	10,800	11,600	11,800	9,400	10,000	-------	10,000
MASSACHUSETTS	13,600	14,500	16,000	12,500	12,600	18,000	12,800
NEW HAMPSHIRE	11,600	13,000	17,000	9,300	10,500	-------	-------
RHODE ISLAND	12,400	13,900	15,600	9,800	11,000	15,000	14,600
VERMONT	11,000	12,400	17,000	9,600	9,200	-------	-------
MIDDLE ATLANTIC	14,000	15,500	21,000	12,400	12,500	13,800	13,000
NEW JERSEY	14,300	16,500	23,500	13,000	12,500	13,500	13,200
NEW YORK	14,200	15,400	21,000	12,500	13,000	14,000	13,500
PENNSYLVANIA	13,000	15,000	20,000	11,500	11,800	13,000	11,000
EAST NORTH CENTRAL	13,000	14,600	20,000	11,400	11,300	14,000	12,000
ILLINOIS	13,000	15,000	20,000	12,000	11,600	13,800	12,200
INDIANA	12,300	14,300	19,000	10,000	11,000	2,000	10,600
MICHIGAN	13,000	15,000	22,000	11,500	11,400	16,000	13,000
OHIO	12,900	14,400	19,000	11,900	11,500	12,600	12,000
WISCONSIN	12,000	13,600	18,000	10,100	10,000	-------	11,100
WEST NORTH CENTRAL	12,100	14,000	20,000	10,500	11,000	13,800	11,500
IOWA	12,000	14,000	20,000	10,200	10,200	7,700	10,700
KANSAS	11,300	13,000	20,000	9,000	10,400	11,500	9,000
MINNESOTA	13,000	14,500	21,000	11,400	11,900	11,100	11,700
MISSOURI	13,000	14,800	19,600	11,200	11,300	18,000	12,000
NEBRASKA	11,000	13,000	23,000	9,800	10,000	-------	12,000
NORTH DAKOTA	11,200	12,300	10,000	10,000	9,800	-------	10,200
SOUTH DAKOTA	11,000	13,200	14,500	9,300	10,000	-------	15,800
SOUTH ATLANTIC	14,000	15,300	20,000	12,600	12,600	16,000	12,700
DELAWARE	15,800	16,800	18,500	13,900	13,500	-------	15,300
DISTRICT OF COLUMBIA	16,100	18,000	20,000	15,300	14,900	21,600	13,600
FLORIDA	12,300	13,500	22,000	10,600	11,000	10,500	12,300
GEORGIA	12,300	14,000	19,000	10,600	11,400	22,000	10,500
MARYLAND	14,400	15,600	19,000	13,200	13,000	16,000	12,800
NORTH CAROLINA	12,300	14,000	20,000	10,000	10,600	20,000	11,000
SOUTH CAROLINA	12,000	13,000	15,000	10,000	11,000	31,000	14,000
VIRGINIA	13,000	14,900	20,000	12,500	12,200	15,000	14,000
WEST VIRGINIA	12,300	15,000	19,000	10,900	11,300	12,600	12,000
EAST SOUTH CENTRAL	12,400	14,000	20,100	10,500	11,500	15,000	12,500
ALABAMA	13,000	14,000	21,000	11,200	12,500	-------	13,000
KENTUCKY	11,500	13,400	20,400	10,000	10,400	14,900	11,100
MISSISSIPPI	11,500	13,000	20,000	9,200	10,500	-------	10,500
TENNESSEE	12,900	14,500	20,000	10,800	11,700	22,500	12,800
WEST SOUTH CENTRAL	12,900	14,500	20,000	11,600	12,300	12,600	12,000
ARKANSAS	11,500	13,500	22,000	9,500	10,300	-------	-------
LOUISIANA	12,400	13,300	21,700	11,500	12,400	12,000	10,500
OKLAHOMA	13,000	14,400	21,000	11,400	12,500	12,000	12,200
TEXAS	13,000	15,000	20,000	12,000	12,400	14,000	12,000
MOUNTAIN	12,200	14,000	20,000	11,000	11,500	13,000	10,800
ARIZONA	12,000	12,600	22,000	10,200	11,200	-------	12,000
COLORADO	12,600	14,000	18,300	11,700	12,200	13,000	10,600
IDAHO	10,900	12,300	20,000	10,500	10,200	-------	12,000
MONTANA	10,800	12,500	21,000	9,800	10,400	-------	9,000
NEVADA	12,000	12,900	-------	11,200	11,600	-------	11,300
NEW MEXICO	14,200	16,000	20,000	12,600	12,200	-------	13,000
UTAH	12,200	13,000	20,000	10,800	11,500	12,000	11,900
WYOMING	11,500	13,000	11,500	10,600	11,000	-------	10,800
PACIFIC	13,500	15,000	20,000	12,600	12,200	14,000	13,000
ALASKA	11,900	12,000	-------	12,100	12,400	-------	13,200
CALIFORNIA	14,000	15,500	20,000	13,000	13,000	15,500	13,400
HAWAII	10,200	12,600	-------	9,300	8,200	-------	9,600
OREGON	11,400	13,000	18,200	10,300	10,200	-------	10,500
WASHINGTON	12,200	14,000	18,100	11,400	11,100	14,000	10,800
U.S. TERRITORIES AND POSSESSIONS	11,700	12,000	17,500	8,500	10,900	-------	12,000
CANAL ZONE	15,000	16,000	18,000	13,300	11,200	10,000	-------
GUAM	10,000	10,700	-------	8,900	8,000	-------	-------
PUERTO RICO	11,300	13,000	17,000	8,400	10,600	-------	12,000
VIRGIN ISLANDS	12,000	-------	-------	11,500	13,200	-------	-------
FOREIGN	13,400	13,000	14,000	12,500	14,500	16,200	16,700

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-26. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND TYPE OF EMPLOYER, 1968

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL LOCATIONS	13,200	11,000	13,500	13,500	11,200	14,700	14,700	18,000	12,600	14,000
NEW ENGLAND	13,000	11,000	12,100	13,500	11,000	14,000	15,000	18,000	14,000	13,200
CONNECTICUT	13,300	11,100	12,300	13,000	12,500	14,000	14,800	20,000	13,000	12,000
MAINE	10,800	-9,700	11,500	11,700	10,200	13,600	12,000	8,500	10,500	12,600
MASSACHUSETTS	13,600	11,400	12,000	14,700	11,500	14,000	15,200	20,000	15,000	13,500
NEW HAMPSHIRE	11,600	10,800	12,800	11,900	9,800	6,400	13,000	------	8,500	------
RHODE ISLAND	12,400	11,000	12,500	13,000	9,100	14,400	14,200	35,000	10,000	14,000
VERMONT	11,000	10,000	12,200	8,600	8,500	11,000	14,000	14,000	11,000	------
MIDDLE ATLANTIC	14,000	11,000	13,500	13,500	12,000	14,300	15,200	20,000	14,000	14,900
NEW JERSEY	14,300	10,800	12,500	14,400	10,900	14,500	15,000	17,000	10,500	16,000
NEW YORK	14,200	11,600	13,500	13,400	12,600	14,900	16,000	20,000	15,000	15,000
PENNSYLVANIA	13,000	10,200	14,000	13,200	10,500	13,500	14,400	16,000	10,200	13,500
EAST NORTH CENTRAL	13,000	11,000	13,700	13,200	11,500	14,000	14,000	19,000	12,500	14,300
ILLINOIS	13,000	11,000	13,300	13,300	13,000	15,000	14,000	20,000	13,000	15,000
INDIANA	12,300	10,700	14,000	12,000	9,500	10,000	14,000	15,000	11,000	15,000
MICHIGAN	13,000	11,000	14,500	11,800	11,500	13,000	14,100	16,000	12,600	13,900
OHIO	12,900	10,800	13,500	14,000	10,900	14,000	13,800	18,000	12,200	14,300
WISCONSIN	12,000	10,600	13,300	12,600	10,100	12,000	13,000	16,500	11,000	12,000
WEST NORTH CENTRAL	12,100	10,500	13,900	12,000	10,100	13,800	14,000	19,000	12,700	12,900
IOWA	12,000	10,500	15,000	13,000	10,800	13,000	13,000	18,000	10,800	11,900
KANSAS	11,300	9,900	12,700	11,400	10,500	13,500	12,500	15,000	10,900	12,900
MINNESOTA	13,000	10,800	13,700	12,000	10,800	15,600	14,400	20,000	13,000	16,000
MISSOURI	13,000	11,000	14,500	12,200	10,300	13,200	14,400	20,000	14,500	14,000
NEBRASKA	11,000	10,000	12,800	12,600	8,800	12,300	12,500	20,000	12,500	8,700
NORTH DAKOTA	11,200	9,500	12,600	12,000	8,700	12,400	11,100	12,000	9,000	2,800
SOUTH DAKOTA	11,000	9,500	13,100	11,000	8,400	10,800	10,800	6,500	------	------
SOUTH ATLANTIC	14,000	10,600	14,000	15,000	11,000	16,000	15,000	18,000	13,700	13,500
DELAWARE	15,800	11,200	11,800	------	10,100	9,600	16,300	12,000	16,000	13,000
DISTRICT OF COLUMBIA	16,100	11,500	15,400	16,400	17,000	16,800	17,000	22,500	15,300	13,300
FLORIDA	12,300	10,300	13,500	13,000	9,600	12,000	13,500	20,000	12,200	13,000
GEORGIA	12,300	11,000	15,000	12,600	10,500	9,200	12,900	13,700	9,600	11,000
MARYLAND	14,400	10,500	13,500	14,900	12,600	14,500	15,200	18,000	9,900	14,000
NORTH CAROLINA	12,300	11,000	14,000	11,800	9,800	14,000	14,000	15,000	9,500	14,000
SOUTH CAROLINA	12,000	10,000	12,400	12,000	9,500	11,000	13,800	15,000	13,000	11,000
VIRGINIA	13,000	10,200	13,500	13,900	10,500	18,000	14,300	17,000	12,000	15,000
WEST VIRGINIA	12,300	10,000	13,600	11,800	8,500	10,000	13,800	12,000	------	10,000
EAST SOUTH CENTRAL	12,400	10,000	13,500	13,400	9,500	12,900	13,500	15,000	13,100	12,000
ALABAMA	13,000	10,000	14,000	14,700	10,000	14,000	13,000	9,500	10,400	13,500
KENTUCKY	11,500	10,000	13,500	12,200	9,400	13,000	12,000	18,000	10,500	15,000
MISSISSIPPI	11,500	9,500	13,500	11,800	8,400	9,600	12,000	12,100	8,700	7,200
TENNESSEE	12,900	10,500	13,000	13,000	9,500	12,000	14,500	20,000	14,200	11,500
WEST SOUTH CENTRAL	12,900	10,500	14,000	12,200	10,200	12,600	13,500	15,000	11,400	12,300
ARKANSAS	11,500	9,200	14,000	11,900	10,000	11,300	10,500	11,300	9,900	11,700
LOUISIANA	12,400	10,400	13,500	12,400	9,400	13,500	13,000	16,000	14,000	12,000
OKLAHOMA	13,000	10,000	14,000	12,200	10,300	13,500	13,800	15,000	10,800	14,000
TEXAS	13,000	10,600	14,400	12,400	10,500	12,500	13,700	15,000	11,400	12,300
MOUNTAIN	12,200	10,600	13,200	12,200	10,000	13,400	13,600	15,000	12,000	14,000
ARIZONA	12,000	10,700	13,900	11,600	9,500	12,500	14,000	18,000	12,000	15,000
COLORADO	12,600	10,800	13,000	13,400	10,900	12,700	13,800	15,000	12,000	14,000
IDAHO	10,900	9,500	12,200	10,700	9,200	15,600	12,300	10,000	13,000	14,000
MONTANA	10,800	10,500	12,600	10,900	9,000	9,000	11,100	12,000	6,500	11,000
NEVADA	12,000	10,100	12,900	11,300	11,000	12,000	13,000	13,700	10,600	11,600
NEW MEXICO	14,200	10,700	14,000	12,600	10,800	16,000	15,000	18,000	11,500	16,000
UTAH	12,200	11,000	14,000	12,500	9,100	10,300	13,200	15,000	10,500	14,000
WYOMING	11,500	10,400	12,700	11,300	8,600	12,500	12,000	14,400	15,000	8,900
PACIFIC	13,500	11,600	13,500	12,600	12,000	16,000	15,300	20,000	12,000	14,400
ALASKA	11,900	12,000	14,400	11,500	10,700	------	12,500	18,000	------	------
CALIFORNIA	14,000	11,900	13,500	13,400	12,300	16,400	15,600	20,000	12,600	14,700
HAWAII	10,200	11,200	12,600	11,600	12,600	12,300	15,000	------	9,800	9,900
OREGON	11,400	10,600	13,000	11,300	10,100	14,000	11,900	8,000	12,500	16,700
WASHINGTON	12,200	11,000	13,000	11,800	10,900	14,600	13,500	20,000	11,100	9,900
U.S. TERRITORIES AND POSSESSIONS	11,700	8,500	10,700	12,500	8,900	9,600	12,000	------	10,000	11,700
CANAL ZONE	15,000	9,300	------	15,700	11,000	16,000	15,900	------	------	------
GUAM	10,000	------	10,000	13,000	8,900	------	------	------	------	------
PUERTO RICO	11,300	10,000	10,800	11,800	9,600	------	14,000	------	10,000	12,600
VIRGIN ISLANDS	12,000	3,900	15,700	13,200	8,400	------	15,500	------	------	------
FOREIGN	13,400	10,800	11,300	14,700	11,900	14,000	15,400	18,000	12,000	10,600

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A 27. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND PRIMARY WORK ACTIVITY, 1968

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ALL LOCATIONS	13,200	13,400	13,000	13,800	17,000	18,400	10,500	13,000	12,000	14,400	12,500	12,000	14,400
NEW ENGLAND	13,000	13,000	12,300	14,100	17,500	18,500	10,800	11,500	12,000	14,000	12,500	12,000	14,500
CONNECTICUT	13,300	13,000	12,600	14,000	18,000	18,500	10,900	11,900	12,000	13,900	12,200	12,200	14,700
MAINE	10,800	10,700	12,000	10,600	12,400	14,500	9,800	10,200	10,500	14,000	10,000	9,000	10,500
MASSACHUSETTS	13,600	13,500	12,500	14,700	18,000	19,000	11,000	11,500	12,300	14,000	13,000	12,500	15,400
NEW HAMPSHIRE	11,600	11,400	11,500	12,900	12,500	16,500	10,000	9,500	10,500	12,000	10,600	9,800	15,000
RHODE ISLAND	12,400	12,000	12,000	12,300	17,000	17,000	10,200	12,600	12,000	14,000	12,900	13,500	10,600
VERMONT	11,000	11,100	10,900	11,800	12,500	15,000	10,000	11,000	10,800	10,800	11,900	8,500	9,300
MIDDLE ATLANTIC	14,000	13,900	13,800	14,000	18,500	19,300	10,600	12,500	12,300	15,000	12,600	13,000	15,000
NEW JERSEY	14,300	14,000	14,500	14,300	19,000	19,600	10,400	12,000	12,300	15,000	13,000	13,000	15,000
NEW YORK	14,200	14,000	13,500	14,300	19,000	20,000	11,000	12,000	12,900	15,000	13,000	13,300	15,500
PENNSYLVANIA	13,000	13,000	13,300	13,700	17,300	18,000	10,000	13,200	11,800	13,000	11,800	12,000	14,300
EAST NORTH CENTRAL	13,000	12,800	13,000	13,000	16,900	17,600	10,600	13,500	11,500	13,800	12,000	12,000	14,000
ILLINOIS	13,000	12,900	12,800	13,000	17,500	18,000	10,800	13,000	11,600	14,500	12,200	11,500	14,500
INDIANA	12,300	13,000	12,500	13,500	16,800	18,000	10,400	14,200	11,400	13,000	11,400	11,500	13,500
MICHIGAN	13,000	13,000	13,200	13,200	16,600	17,500	10,800	14,100	11,500	13,000	11,700	13,000	14,200
OHIO	12,900	12,600	13,000	13,000	16,900	17,400	10,500	13,000	11,500	13,200	12,000	12,000	14,000
WISCONSIN	12,000	11,700	11,700	11,800	15,200	16,800	10,300	13,000	11,000	13,700	10,000	10,900	13,100
WEST NORTH CENTRAL	12,100	12,600	12,700	12,900	15,600	17,000	10,200	13,000	11,000	14,000	11,700	11,100	13,700
IOWA	12,000	12,000	12,100	12,000	16,200	18,300	10,400	14,300	11,000	13,000	11,000	11,000	14,000
KANSAS	11,300	11,800	11,800	11,600	15,000	16,000	9,800	12,000	10,600	14,200	12,000	10,300	11,500
MINNESOTA	13,000	13,000	12,600	13,800	16,000	17,000	10,500	13,000	11,400	14,700	12,000	12,000	15,000
MISSOURI	13,000	13,200	13,900	13,000	16,500	18,000	10,500	13,300	11,400	13,200	11,500	11,000	14,500
NEBRASKA	11,000	12,000	12,000	12,400	13,000	13,000	10,000	12,000	10,700	13,200	11,300	11,000	12,200
NORTH DAKOTA	11,200	12,000	12,000	12,000	13,000	14,000	9,200	12,200	11,000	12,000	10,500	10,000	11,800
SOUTH DAKOTA	11,000	11,500	11,500	11,000	12,000	14,000	9,400	12,500	9,600	14,400	11,000	8,900	11,300
SOUTH ATLANTIC	14,000	13,800	13,500	14,000	18,000	19,000	10,400	13,300	12,000	15,000	12,800	13,000	14,000
DELAWARE	15,800	15,000	14,800	15,100	19,800	20,400	11,200	10,400	14,000	15,000	13,800	16,000	16,800
DISTRICT OF COLUMBIA	16,100	14,300	13,800	14,800	19,600	20,000	11,200	15,000	13,400	18,000	13,500	15,000	15,800
FLORIDA	12,300	12,200	11,900	12,600	15,300	16,800	10,000	13,000	11,100	13,000	12,600	10,000	13,800
GEORGIA	12,300	12,600	12,500	12,500	14,400	16,100	10,600	14,900	11,700	14,000	11,500	11,300	12,400
MARYLAND	14,400	14,000	13,700	14,000	18,000	19,000	10,200	13,000	12,000	15,000	13,000	12,800	14,700
NORTH CAROLINA	12,300	12,200	12,500	13,200	16,000	18,000	10,500	13,000	12,000	13,000	10,400	10,900	13,500
SOUTH CAROLINA	12,000	12,100	12,000	12,500	15,200	17,000	10,300	14,000	11,800	13,000	11,900	11,000	13,000
VIRGINIA	13,000	13,500	12,600	14,400	16,900	18,500	10,000	12,400	11,200	14,100	12,500	12,400	13,900
WEST VIRGINIA	12,300	12,800	12,500	12,200	16,000	18,000	9,500	13,200	11,200	13,000	11,400	12,000	13,000
EAST SOUTH CENTRAL	12,400	13,200	13,500	13,200	15,200	17,000	10,000	12,600	11,400	13,000	11,900	11,000	13,100
ALABAMA	13,000	13,500	13,800	13,500	15,600	17,000	10,000	12,800	11,700	12,500	12,200	12,400	12,900
KENTUCKY	11,500	12,000	12,000	12,500	15,000	15,300	9,900	12,400	10,500	13,000	11,700	10,000	13,000
MISSISSIPPI	11,500	11,800	12,000	11,800	12,200	15,300	9,700	13,300	11,400	12,500	11,800	9,000	13,500
TENNESSEE	12,900	13,700	14,400	13,600	16,400	18,000	10,200	12,000	11,600	13,000	11,800	11,000	13,500
WEST SOUTH CENTRAL	12,900	13,000	12,600	13,500	16,200	17,300	10,100	14,000	12,000	14,400	12,600	11,600	14,000
ARKANSAS	11,500	12,600	12,700	12,000	11,800	14,000	9,400	12,000	10,500	14,400	9,500	10,900	12,300
LOUISIANA	12,400	12,200	12,000	12,300	15,500	17,600	10,000	13,800	12,000	13,500	12,800	11,500	14,200
OKLAHOMA	13,000	13,500	13,500	13,500	16,600	17,600	10,000	13,000	11,900	13,200	12,500	11,800	14,000
TEXAS	13,000	13,100	12,700	13,700	16,700	17,300	10,400	14,100	12,000	15,000	12,600	11,700	14,400
MOUNTAIN	12,200	13,100	13,000	13,100	13,400	16,500	10,500	12,800	10,300	13,000	12,300	10,600	13,000
ARIZONA	12,000	12,200	11,500	12,600	14,000	15,300	10,500	14,400	11,000	14,000	12,600	10,500	12,000
COLORADO	12,600	13,200	13,500	13,000	15,000	17,000	10,500	12,100	11,200	12,800	13,000	10,600	13,000
IDAHO	10,900	12,200	12,500	12,400	10,800	15,000	9,500	12,000	10,200	10,300	9,000	10,000	10,800
MONTANA	10,800	10,800	10,900	10,600	10,900	12,000	10,400	12,000	10,100	12,500	11,700	9,100	11,200
NEVADA	12,000	12,000	11,700	12,000	13,300	16,100	10,100	10,500	11,200	13,700	12,000	10,400	13,200
NEW MEXICO	14,200	15,400	15,400	15,400	15,100	20,000	10,500	12,500	11,900	15,000	12,800	11,900	14,500
UTAH	12,200	12,000	12,000	12,300	14,500	15,500	10,800	13,800	11,400	13,800	11,900	10,000	13,000
WYOMING	11,500	12,000	11,300	12,000	11,300	13,500	10,400	12,500	10,200	15,000	12,000	10,800	11,600
PACIFIC	13,500	13,800	13,000	14,000	16,500	19,000	11,100	12,700	12,000	14,600	12,600	12,000	14,400
ALASKA	11,900	10,900	10,400	12,000	14,000	------	10,800	15,600	13,800	12,500	13,200	------	11,000
CALIFORNIA	14,000	14,000	13,400	14,700	18,000	19,600	11,500	12,500	12,000	15,000	12,900	12,600	15,000
HAWAII	10,200	12,000	11,700	12,000	------	16,800	9,600	10,000	------	------	11,600	9,400	8,200
OREGON	11,400	11,900	11,700	12,000	11,400	14,200	10,500	13,600	10,300	11,400	11,500	10,100	13,400
WASHINGTON	12,200	12,600	12,400	13,000	14,000	16,900	10,700	12,900	11,000	13,200	11,600	10,800	13,000
U.S. TERRITORIES AND POSSESSIONS	11,700	11,700	11,800	7,200	14,400	15,500	9,000	8,900	8,500	10,000	12,900	9,700	14,900
CANAL ZONE	15,000	16,000	16,000	15,700	18,000	19,600	9,300	------	13,000	------	15,100	11,200	------
GUAM	10,000	------	------	------	14,000	------	------	9,300	------	------	------	------	13,000
PUERTO RICO	11,300	11,000	11,700	10,500	14,700	15,000	9,800	8,700	9,600	11,400	12,900	10,600	14,900
VIRGIN ISLANDS	12,000	12,000	------	12,000	15,500	15,500	3,900	------	11,500	11,400	------	------	------
FOREIGN	13,400	11,000	9,000	14,400	18,000	18,000	10,700	11,100	14,000	15,800	13,800	14,700	15,000

(A) INCLUDES DEVELOPMENT OR DESIGN. (B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-28. NUMBER AND MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA, 1968

LOCATION	TOTAL	MEDIAN ANNUAL SALARY
ALL LOCATIONS	297,942	13,200
STANDARD METROPOLITAN STATISTICAL AREAS	228,956	13,800
ABILENE, TEX.	133	10,000
AKRON, OHIO	1,440	13,000
ALBANY, GA.	41	10,000
ALBANY-SCHENECTADY-TROY, N.Y.	1,886	14,200
ALBUQUERQUE, N.MEX.	938	14,700
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	770	12,800
ALTOONA, PA.	42	9,800
AMARILLO, TEX.	206	12,000
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,735	15,000
ANDERSON, IND.	25	------
ANN ARBOR, MICH.	2,201	13,600
ASHEVILLE, N.C.	188	11,800
ATLANTA, GA.	1,669	13,000
ATLANTIC CITY, N.J.	68	11,800
AUGUSTA, GA.-S.C.	340	14,000
AUSTIN, TEX.	1,211	13,000
BAKERSFIELD, CALIF.	628	13,400
BALTIMORE, MD.	3,109	13,600
BATON ROUGE, LA.	925	13,600
BAY CITY, MICH.	55	9,900
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	473	12,400
BILLINGS, MONT.	145	11,900
BILOXI-GULFPORT, MISS.	79	10,900
BINGHAMTON, N.Y.-PA.	458	14,000
BIRMINGHAM, ALA.	431	13,500
BLOOMINGTON-NORMAL, ILL.	201	12,500
BOISE CITY, IDAHO	167	11,300
BOSTON, MASS.	8,946	14,000
BRIDGEPORT, CONN.	301	12,000
BROCKTON, MASS.	81	11,100
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	41	11,300
BUFFALO, N.Y.	2,101	13,200
CANTON, OHIO	144	10,900
CEDAR RAPIDS, IOWA	143	12,000
CHAMPAIGN-URBANA, ILL.	1,976	13,000
CHARLESTON, S.C.	238	13,800
CHARLESTON, W.VA.	585	14,100
CHARLOTTE, N.C.	330	12,800
CHATTANOOGA, TENN.-GA.	241	11,800
CHICAGO, ILL.	10,049	13,600
CINCINNATI, OHIO-KY.-IND.	1,865	13,500
CLEVELAND, OHIO	3,141	13,500
COLORADO SPRINGS, COLO.	391	12,100
COLUMBIA, S.C.	342	11,800
COLUMBUS, GA.-ALA.	61	12,000
COLUMBUS, OHIO	2,377	13,000
CORPUS CHRISTI, TEX.	543	12,600
DALLAS, TEX.	1,926	14,500
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	226	12,000
DAYTON, OHIO	1,303	13,800
DECATUR, ILL.	138	14,300
DENVER, COLO.	3,733	13,400
DES MOINES, IOWA	282	12,500
DETROIT, MICH.	3,117	13,100
DUBUQUE, IOWA	63	10,000
DULUTH-SUPERIOR, MINN.-WIS.	268	10,200
DURHAM, N.C.	1,540	14,000
EL PASO, TEX.	221	11,500
ERIE, PA.	197	11,500
EUGENE, OREG.	572	11,700
EVANSVILLE, IND.-KY.	270	12,100
FALL RIVER, MASS.-R.I.	30	------
FARGO-MOORHEAD, N.DAK.-MINN.	309	11,800
FAYETTEVILLE, N.C.	63	------
FITCHBURG-LEOMINSTER, MASS.	72	12,600
FLINT, MICH.	171	12,300
FORT LAUDERDALE-HOLLYWOOD, FLA.	140	12,500
FORT SMITH, ARK.-OKLA.	30	10,900
FORT WAYNE, IND.	232	11,600
FORT WORTH, TEX.	716	12,500
FRESNO, CALIF.	337	11,600
GADSDEN, ALA.	8	------
GALVESTON-TEXAS CITY, TEX.	278	14,000
GARY-HAMMOND-EAST CHICAGO, IND.	548	14,000
GRAND RAPIDS, MICH.	325	11,500
GREAT FALLS, MONT.	69	11,700
GREEN BAY, WIS.	89	10,300
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	535	12,000
GREENVILLE, S.C.	129	12,000
HAMILTON-MIDDLETOWN, OHIO	258	11,800
HARRISBURG, PA.	498	11,700
HARTFORD, CONN.	967	14,000
HONOLULU, HAWAII	1,053	12,600
HOUSTON, TEX.	4,727	13,900
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	176	10,800
HUNTSVILLE, ALA.	575	14,000
INDIANAPOLIS, IND.	1,320	13,900
JACKSON, MICH.	73	11,600
JACKSON, MISS.	295	12,000
JACKSONVILLE, FLA.	183	11,100
JERSEY CITY, N.J.	534	13,100
JOHNSTOWN, PA.	81	9,500
KALAMAZOO, MICH.	647	14,900
KANSAS CITY, MO.-KANS.	1,178	12,600
KENOSHA, WIS.	42	10,000
KNOXVILLE, TENN.	1,597	14,300
LAFAYETTE, LA.	414	12,000
LAFAYETTE-WEST LAFAYETTE, IND.	1,428	14,200
LAKE CHARLES, LA.	163	11,300
LANCASTER, PA.	417	12,700
LANSING, MICH.	1,578	13,500
LAREDO, TEX.	17	------
LAS VEGAS, NEV.	234	12,100
LAWRENCE-HAVERHILL, MASS.-N.H.	134	12,000
LAWTON, OKLA.	56	------
LEWISTON-AUBURN, MAINE	26	------
LEXINGTON, KY.	756	13,000
LIMA, OHIO	67	11,000
LINCOLN, NEBR.	696	12,000
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	268	13,000
LORAIN-ELYRIA, OHIO	195	12,000
LOS ANGELES-LONG BEACH, CALIF.	10,807	15,000
LOUISVILLE, KY.-IND.	743	12,000
LOWELL, MASS.	216	13,900
LUBBOCK, TEX.	314	12,600
LYNCHBURG, VA.	112	12,000
MACON, GA.	97	10,200
MADISON, WIS.	2,430	13,000
MANCHESTER, N.H.	50	9,100
MANSFIELD, OHIO	37	11,000
MAYAGUEZ, P.R.	85	10,800
MCALLEN-PHARR-EDINBURG, TEX.	90	12,000
MEMPHIS, TENN.-ARK.	575	12,500
MERIDEN, CONN.	14	------
MIAMI, FLA.	892	12,600
MIDLAND, TEX.	710	13,000
MILWAUKEE, WIS.	1,385	12,400
MINNEAPOLIS-ST. PAUL, MINN.	3,792	13,800
MOBILE, ALA.	180	11,200
MONROE, LA.	118	11,000
MONTGOMERY, ALA.	134	12,000
MUNCIE, IND.	137	11,100
MUSKEGON-MUSKEGON HEIGHTS, MICH.	78	12,000
NASHVILLE, TENN.	735	12,500
NEW BEDFORD, MASS.	65	12,500
NEW BRITAIN, CONN.	79	10,800
NEW HAVEN, CONN.	1,438	12,500
NEW LONDON-GROTON-NORWICH, CONN.	391	13,800
NEW ORLEANS, LA.	1,805	13,000
NEW YORK, N.Y.	18,611	15,000
NEWARK, N.J.	5,270	15,000
NEWPORT NEWS-HAMPTON, VA.	293	13,000
NORFOLK-PORTSMOUTH, VA.	366	11,800
NORWALK, CONN.	264	15,000
ODESSA, TEX.	56	11,500
OGDEN, UTAH	178	11,900
OKLAHOMA CITY, OKLA.	1,296	12,600
OMAHA, NEBR.-IOWA	589	12,200
ORLANDO, FLA.	317	13,000
OXNARD-VENTURA, CALIF.	306	14,000
PATERSON-CLIFTON-PASSAIC, N.J.	1,599	14,000
PENSACOLA, FLA.	230	12,700
PEORIA, ILL.	355	13,000
PHILADELPHIA, PA.-N.J.	8,157	14,000
PHOENIX, ARIZ.	923	12,200
PINE BLUFF, ARK.	26	------
PITTSBURGH, PA.	3,855	14,000
PITTSFIELD, MASS.	90	12,800
PONCE, P.R.	28	------
PORTLAND, MAINE	111	11,000
PORTLAND, OREG.-WASH.	1,175	12,400
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	859	12,000
PROVO-OREM, UTAH	287	11,400
PUEBLO, COLO.	68	11,000
RACINE, WIS.	150	13,600
RALEIGH, N.C.	850	13,500
READING, PA.	222	11,500
RENO, NEV.	319	12,500
RICHMOND, VA.	725	13,000
ROANOKE, VA.	118	11,200
ROCHESTER, N.Y.	2,480	14,500
ROCKFORD, ILL.	96	11,700
SACRAMENTO, CALIF.	1,800	13,000
SAGINAW, MICH.	53	11,700
SALEM, OREGON	172	11,100
SALINAS-MONTEREY, CALIF.	399	14,000
ST. JOSEPH, MO.	33	10,000
ST. LOUIS, MO.-ILL.	3,150	14,000
SALT LAKE CITY, UTAH	1,035	13,000
SAN ANGELO, TEX.	52	10,000
SAN ANTONIO, TEX.	780	12,400
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,276	12,800

APPENDIX TABLE A-28. NUMBER AND MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA, 1968--CONTINUED

LOCATION	TOTAL	MEDIAN ANNUAL SALARY
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED		
SAN DIEGO, CALIF.	2,029	13,000
SAN FRANCISCO-OAKLAND, CALIF.	7,868	14,000
SAN JOSE, CALIF.	3,471	15,000
SAN JUAN, P.R.	268	11,700
SANTA BARBARA, CALIF.	739	13,500
SAVANNAH, GA.	172	11,900
SCRANTON, PA.	85	10,000
SEATTLE-EVERETT, WASH.	2,640	13,000
SHERMAN-DENISON, TEX.	48	10,200
SHREVEPORT, LA.	311	12,400
SIOUX CITY, IOWA-NEB.	53	10,000
SIOUX FALLS, S. DAK.	58	10,500
SOUTH BEND, IND.	477	11,200
SPOKANE, WASH.	226	11,500
SPRINGFIELD, ILL.	98	13,000
SPRINGFIELD, MO.	116	11,300
SPRINGFIELD, OHIO	60	10,700
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	585	12,300
STAMFORD, CONN.	578	15,000
STEUBENVILLE-WEIRTON, OHIO-W. VA.	54	10,500
STOCKTON, CALIF.	163	11,500
SYRACUSE, N.Y.	1,[illegible]9	13,000
TACOMA, WASH.	342	11,500
TALLAHASSEE, FLA.	633	11,500
TAMPA-ST. PETERSBURG, FLA.	529	12,700
TERRE HAUTE, IND.	273	12,000
TEXARKANA, TEX-ARK.	21	------
TOLEDO, OHIO-MICH.	677	12,200
TOPEKA, KANS.	201	11,000
TRENTON, N.J.	1,775	15,000
TUCSON, ARIZ.	1,037	12,500
TULSA, OKLA.	737	13,400
TUSCALOOSA, ALA.	245	12,000
TYLER, TEX.	90	12,000
UTICA-ROME, N.Y.	222	11,500
VALLEJO-NAPA, CALIF.	192	12,000
VINELAND-MILLVILLE-BRIDGETON, N.J.	36	11,400
WACO, TEX.	129	11,700
WASHINGTON, D.C.-MD.-VA.	16,537	15,800
WATERBURY, CONN.	233	13,000
WATERLOO, IOWA	100	10,700
WEST PALM BEACH, FLA.	207	11,500
WHEELING, W. VA.-OHIO	89	9,500
WICHITA, KANS.	452	12,000
WICHITA FALLS, TEX.	104	11,800
WILKES-BARRE-HAZLETON, PA.	1[illegible]	10,000
WILMINGTON, DEL.-N.J.-MD.	3,[illegible]	15,900
WILMINGTON, N.C.	52	11,200
WORCESTER, MASS.	438	12,600
YORK, PA.	147	10,800
YOUNGSTOWN-WARREN, OHIO	157	11,000
OTHER LOCATIONS	68,986	12,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	297,942	93,788	23,746	5,745	32,491	24,477	6,972	12,740
STANDARD METROPOLITAN STATISTICAL AREAS	228,956	74,659	18,123	4,283	26,507	19,453	6,225	4,977
ABILENE, TEX.	133	20	61	8	5	9	-------	1
AKRON, OHIO	1,440	993	48	1	64	63	16	6
ALBANY, GA.	41	6	1	1	4	5	1	6
ALBANY-SCHENECTADY-TROY, N.Y.	1,886	734	74	25	348	139	35	25
ALBUQUERQUE, N.MEX.	938	110	74	33	266	83	57	63
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	770	378	37	-------	110	72	5	5
ALTOONA, PA.	42	18	1	2	2	3	-------	2
AMARILLO, TEX.	206	50	88	5	15	9	-------	11
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,735	515	145	13	325	216	114	5
ANDERSON, IND.	25	12	1	3	2	3	-------	-------
ANN ARBOR, MICH.	2,201	409	111	41	299	210	48	42
ASHEVILLE, N.C.	188	71	4	36	5	7	4	24
ATLANTA, GA.	1,669	447	57	38	156	181	30	85
ATLANTIC CITY, N.J.	68	8	-------	8	2	8	10	8
AUGUSTA, GA.-S.C.	340	184	4	3	29	12	1	12
AUSTIN, TEX.	1,211	255	141	22	227	108	21	5
BAKERSFIELD, CALIF.	628	153	216	9	94	33	15	28
BALTIMORE, MD.	3,109	1,118	99	32	403	324	71	23
BATON ROUGE, LA.	925	399	80	3	59	60	7	66
BAY CITY, MICH.	55	14	4	-------	5	9	-------	-------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	473	331	55	3	9	21	6	9
BILLINGS, MONT.	145	14	68	3	2	13	1	18
BILOXI-GULFPORT, MISS.	79	24	2	4	4	7	1	5
BINGHAMTON, N.Y.-PA.	458	155	18	3	64	74	30	4
BIRMINGHAM, ALA.	431	137	18	3	16	41	7	12
BLOOMINGTON-NORMAL, ILL.	201	24	15	-------	7	34	4	7
BOISE CITY, IDAHO	167	10	27	3	1	5	1	70
BOSTON, MASS.	8,946	2,466	263	206	1,928	820	371	29
BRIDGEPORT, CONN.	301	128	3	-------	28	43	3	2
BROCKTON, MASS.	81	25	5	-------	8	3	-------	-------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	41	8	1	2	-------	1	-------	2
BUFFALO, N.Y.	2,101	997	49	12	183	168	21	7
CANTON, OHIO	144	59	7	-------	14	12	-------	2
CEDAR RAPIDS, IOWA	143	44	5	3	16	17	8	3
CHAMPAIGN-URBANA, ILL.	1,976	410	143	44	312	212	20	86
CHARLESTON, S.C.	238	93	1	15	15	15	2	23
CHARLESTON, W.VA.	585	494	25	1	9	4	3	11
CHARLOTTE, N.C.	330	188	7	6	16	26	7	4
CHATTANOOGA, TENN.-GA.	241	148	7	2	12	23	8	8
CHICAGO, ILL.	10,049	4,235	290	107	927	773	193	61
CINCINNATI, OHIO-KY.-IND.	1,865	1,059	65	27	95	111	15	8
CLEVELAND, OHIO	3,141	1,594	72	14	424	172	32	5
COLORADO SPRINGS, COLO.	391	55	28	38	63	84	32	12
COLUMBIA, S.C.	342	102	28	3	30	30	-------	25
COLUMBUS, GA.-ALA.	61	20	1	3	2	2	-------	7
COLUMBUS, OHIO	2,377	797	162	16	258	169	50	80
CORPUS CHRISTI, TEX.	543	180	315	5	4	8	-------	3
DALLAS, TEX.	1,926	448	455	14	272	198	86	12
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	226	84	9	2	16	29	2	10
DAYTON, OHIO	1,303	544	24	17	256	113	37	3
DECATUR, ILL.	138	99	-------	-------	6	4	2	1
DENVER, COLO.	3,733	656	1,239	133	489	231	55	92
DES MOINES, IOWA	282	44	8	6	13	51	7	18
DETROIT, MICH.	3,117	1,307	93	14	283	307	97	13
DUBUQUE, IOWA	63	31	2	-------	7	10	1	-------
DULUTH-SUPERIOR, MINN.-WIS.	268	41	40	4	32	22	-------	46
DURHAM, N.C.	1,540	392	54	9	140	93	25	13
EL PASO, TEX.	221	58	36	6	25	16	4	8
ERIE, PA.	197	90	10	1	15	17	1	3
EUGENE, OREG.	572	92	37	2	47	60	5	69
EVANSVILLE, IND.-KY.	270	113	46	2	8	12	1	1
FALL RIVER, MASS.-R.I.	30	19	-------	-------	2	2	-------	-------
FARGO-MOORHEAD, N.DAK.-MINN.	309	75	3	3	13	27	1	29
FAYETTEVILLE, N.C.	63	12	7	8	2	5	-------	6
FITCHBURG-LEOMINSTER, MASS.	72	45	1	2	5	4	-------	-------
FLINT, MICH.	171	41	11	1	13	29	4	4
FORT LAUDERDALE-HOLLYWOOD, FLA.	140	48	5	1	15	12	2	5
FORT SMITH, ARK.-OKLA.	30	4	7	3	1	2	-------	8
FORT WAYNE, IND.	232	64	4	-------	28	69	8	1
FORT WORTH, TEX.	716	111	151	43	101	105	27	8
FRESNO, CALIF.	337	49	34	7	14	13	-------	58
GADSDEN, ALA.	8	1	-------	-------	-------	2	-------	-------
GALVESTON-TEXAS CITY, TEX.	278	141	2	4	3	11	1	4
GARY-HAMMOND-EAST CHICAGO, IND.	548	361	18	-------	26	52	3	2
GRAND RAPIDS, MICH.	325	118	17	3	26	34	4	6
GREAT FALLS, MONT.	69	19	4	21	2	1	-------	7
GREEN BAY, WIS.	89	39	5	1	4	5	1	1
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	535	204	7	2	27	59	9	9
GREENVILLE, S.C.	129	84	-------	-------	4	10	1	3
HAMILTON-MIDDLETOWN, OHIO	258	72	32	1	11	31	4	-------
HARRISBURG, PA.	498	150	69	10	31	45	4	35
HARTFORD, CONN.	967	212	16	60	132	250	45	15

APPENDIX TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS	46,183	23,077	2,639	11,510	6,638	5,176	1,219	1,541
STANDARD METROPOLITAN STATISTICAL AREAS	34,019	18,649	2,210	8,817	5,054	3,895	938	1,147
ABILENE, TEX.	6	18	-------	1	2	2	-------	-------
AKRON, OHIO	65	75	6	44	35	21	2	1
ALBANY, GA.	10	3	-------	2	2	-------	-------	-------
ALBANY-SCHENECTADY-TROY, N.Y.	245	104	25	50	26	46	6	4
ALBUQUERQUE, N.MEX.	128	50	20	19	10	9	11	5
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	51	59	2	25	7	18	-------	1
ALTOONA, PA.	7	3	-------	2	1	1	-------	-------
AMARILLO, TEX.	12	8	1	3	3	1	-------	-------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	128	144	18	39	26	34	3	10
ANDERSON, IND.	2	-------	-------	1	1	-------	-------	-------
ANN ARBOR, MICH.	455	230	21	91	110	77	18	39
ASHEVILLE, N.C.	26	5	-------	3	3	-------	-------	-------
ATLANTA, GA.	328	159	25	93	53	13	2	2
ATLANTIC CITY, N.J.	5	17	1	1	-------	-------	-------	-------
AUGUSTA, GA.-S.C.	65	20	-------	4	5	1	-------	-------
AUSTIN, TEX.	163	109	4	36	44	32	11	33
BAKERSFIELD, CALIF.	41	27	4	2	5	1	-------	-------
BALTIMORE, MD.	598	203	56	47	72	46	6	11
BATON ROUGE, LA.	142	30	4	42	17	10	1	5
BAY CITY, MICH.	7	9	-------	2	2	3	-------	-------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	17	7	3	5	3	3	-------	1
BILLINGS, MONT.	12	7	-------	4	1	2	-------	-------
BILOXI-GULFPORT, MISS.	21	10	-------	-------	1	-------	-------	-------
BINGHAMTON, N.Y.-PA.	26	39	3	14	8	11	6	3
BIRMINGHAM, ALA.	148	25	2	12	6	2	2	-------
BLOOMINGTON-NORMAL, ILL.	40	27	1	15	14	12	-------	1
BOISE CITY, IDAHO	23	15	-------	7	4	1	-------	-------
BOSTON, MASS.	1,303	647	53	351	235	160	56	58
BRIDGEPORT, CONN.	32	32	-------	14	11	5	-------	-------
BROCKTON, MASS.	16	16	-------	5	1	1	1	-------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	25	1	-------	1	-------	-------	-------	-------
BUFFALO, N.Y.	348	143	22	46	51	33	13	8
CANTON, OHIO	19	17	2	1	7	4	-------	-------
CEDAR RAPIDS, IOWA	15	12	2	7	6	4	-------	1
CHAMPAIGN-URBANA, ILL.	377	123	8	127	48	31	10	25
CHARLESTON, S.C.	58	8	-------	5	1	2	-------	-------
CHARLESTON, W.VA.	17	13	2	3	-------	2	-------	1
CHARLOTTE, N.C.	24	30	2	9	8	3	-------	-------
CHATTANOOGA, TENN.-GA.	14	8	-------	9	2	-------	-------	-------
CHICAGO, ILL.	1,676	843	75	366	261	130	49	63
CINCINNATI, OHIO-KY.-IND.	283	106	19	37	22	14	2	2
CLEVELAND, OHIO	369	245	21	87	65	29	6	6
COLORADO SPRINGS, COLO.	16	26	2	19	3	11	2	-------
COLUMBIA, S.C.	41	42	1	25	6	8	-------	1
COLUMBUS, GA.-ALA.	9	13	-------	2	-------	1	-------	1
COLUMBUS, OHIO	389	188	13	122	73	35	6	19
CORPUS CHRISTI, TEX.	17	9	-------	1	1	-------	-------	-------
DALLAS, TEX.	206	116	15	51	27	17	6	3
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	30	24	1	12	3	2	2	-------
DAYTON, OHIO	115	113	17	28	19	13	2	2
DECATUR, ILL.	11	10	-------	5	-------	-------	-------	-------
DENVER, COLO.	367	273	19	57	53	40	19	10
DES MOINES, IOWA	56	47	2	15	7	7	-------	1
DETROIT, MICH.	356	369	14	113	68	61	11	11
DUBUQUE, IOWA	9	14	-------	4	3	2	-------	-------
DULUTH-SUPERIOR, MINN.-WIS.	48	15	-------	9	5	5	-------	1
DURHAM, N.C.	432	122	47	61	78	44	20	10
EL PASO, TEX.	22	23	-------	8	2	9	-------	4
ERIE, PA.	22	21	1	6	5	4	-------	1
EUGENE, OREG.	73	66	5	29	53	21	12	1
EVANSVILLE, IND.-KY.	59	19	1	4	4	-------	-------	-------
FALL RIVER, MASS.-R.I.	6	1	-------	-------	-------	-------	-------	-------
FARGO-MOORHEAD, N.DAK.-MINN.	99	15	1	25	9	9	-------	-------
FAYETTEVILLE, N.C.	14	5	-------	1	2	1	-------	-------
FITCHBURG-LEOMINSTER, MASS.	10	5	-------	-------	-------	-------	-------	-------
FLINT, MICH.	21	30	1	8	4	3	-------	1
FORT LAUDERDALE-HOLLYWOOD, FLA.	19	27	-------	4	1	1	-------	-------
FORT SMITH, ARK.-OKLA.	3	-------	-------	1	-------	-------	-------	1
FORT WAYNE, IND.	20	23	-------	7	4	4	-------	-------
FORT WORTH, TEX.	56	59	6	19	14	13	-------	3
FRESNO, CALIF.	95	37	-------	18	6	2	-------	4
GADSDEN, ALA.	4	1	-------	-------	-------	-------	-------	-------
GALVESTON-TEXAS CITY, TEX.	89	20	3	-------	-------	-------	-------	-------
GARY-HAMMOND-EAST CHICAGO, IND.	33	26	2	7	7	10	-------	1
GRAND RAPIDS, MICH.	44	43	-------	14	7	7	1	1
GREAT FALLS, MONT.	12	-------	1	-------	1	1	-------	-------
GREEN BAY, WIS.	17	7	-------	3	3	3	-------	-------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	108	46	3	19	27	11	4	-------
GREENVILLE, S.C.	13	10	-------	1	2	1	-------	-------
HAMILTON-MIDDLETOWN, OHIO	37	30	1	9	8	17	2	3
HARRISBURG, PA.	65	43	10	10	8	16	2	-------
HARTFORD, CONN.	81	86	8	35	8	7	5	7

APPENDIX TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
HONOLULU, HAWAII	1,053	171	96	79	64	78	22	50
HOUSTON, TEX.	4,727	1,557	1,733	33	333	249	161	28
HUNTINGTON-ASHLAND, W.VA.-KY-OHIO	176	97	12	3	9	6	2	10
HUNTSVILLE, ALA.	575	147	6	20	194	107	64	3
INDIANAPOLIS, IND.	1,320	580	29	7	51	100	20	24
JACKSON, MICH.	73	14	19	-------	8	8	1	5
JACKSON, MISS.	295	28	115	3	9	15	3	16
JACKSONVILLE, FLA.	183	59	10	12	11	26	-------	10
JERSEY CITY, N.J.	534	297	4	-------	61	45	6	3
JOHNSTOWN, PA.	81	24	6	-------	3	7	-------	8
KALAMAZOO, MICH.	647	301	24	-------	24	28	6	4
KANSAS CITY, MO.-KANS.	1,178	445	50	74	49	90	32	16
KENOSHA, WIS.	42	15	1	-------	5	5	-------	-------
KNOXVILLE, TENN.	1,597	546	71	12	340	89	23	66
LAFAYETTE, LA.	414	18	329	-------	4	13	3	6
LAFAYETTE-WEST LAFAYETTE, IND.	1,428	413	27	5	166	131	25	77
LAKE CHARLES, LA.	163	102	15	4	3	10	-------	4
LANCASTER, PA.	417	203	23	1	57	29	4	2
LANSING, MICH.	1,578	273	99	2	100	108	19	117
LAREDO, TEX.	17	2	3	4	2	2	-------	2
LAS VEGAS, NEV.	234	56	32	25	29	10	7	11
LAWRENCE-HAVERHILL, MASS.-N.H.	134	58	3	-------	14	22	3	1
LAWTON, OKLA.	56	12	3	7	7	9	-------	4
LEWISTON-AUBURN, MAINE	26	6	1	-------	3	2	-------	2
LEXINGTON, KY.	756	146	53	4	50	56	8	33
LIMA, OHIO	67	30	4	-------	6	12	-------	2
LINCOLN, NEBR.	696	153	44	5	48	60	3	85
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	268	73	18	4	4	13	2	24
LORAIN-ELYRIA, OHIO	195	110	6	-------	12	15	-------	-------
LOS ANGELES-LONG BEACH, CALIF.	10,807	2,516	934	136	1,783	1,234	727	64
LOUISVILLE, KY.-IND.	743	398	16	13	33	63	6	8
LOWELL, MASS.	216	108	-------	6	57	14	1	-------
LUBBOCK, TEX.	314	60	35	5	27	37	2	28
LYNCHBURG, VA.	112	34	1	-------	25	12	2	5
MACON, GA.	97	23	3	15	2	5	1	23
MADISON, WIS.	2,430	579	109	74	227	203	31	115
MANCHESTER, N.H.	50	11	5	-------	3	4	-------	1
MANSFIELD, OHIO	37	11	4	1	4	3	-------	2
MAYAGUEZ, P.R.	85	26	3	-------	12	7	-------	4
MCALLEN-PHARR-EDENBURG, TEX.	90	14	9	3	6	4	-------	14
MEMPHIS, TENN.-ARK.	575	196	15	14	18	29	2	14
MERIDEN, CONN.	14	5	-------	-------	-------	2	-------	-------
MIAMI, FLA.	892	191	73	91	51	66	12	25
MIDLAND, TEX.	710	13	688	1	1	-------	2	2
MILWAUKEE, WIS.	1,385	427	52	4	118	160	23	40
MINNEAPOLIS-ST. PAUL, MINN.	3,792	1,300	139	34	328	361	129	159
MOBILE, ALA.	180	67	9	4	14	16	2	18
MONROE, LA.	118	35	18	-------	7	7	-------	14
MONTGOMERY, ALA.	134	18	1	22	7	12	1	20
MUNCIE, IND.	137	19	12	1	8	21	1	2
MUSKEGON-MUSKEGON HEIGHTS, MICH.	78	56	5	1	3	1	-------	-------
NASHVILLE, TENN.	735	194	30	4	62	67	5	16
NEW BEDFORD, MASS.	65	32	3	-------	8	6	-------	-------
NEW BRITAIN, CONN.	79	18	6	-------	6	16	-------	-------
NEW HAVEN, CONN.	1,438	389	57	4	216	85	13	15
NEW LONDON-GROTON-NORWICH, CONN.	391	129	8	5	95	29	6	3
NEW ORLEANS, LA.	1,805	377	760	20	81	88	16	14
NEW YORK, N.Y.	18,611	5,521	587	219	1,820	1,972	558	64
NEWARK, N.J.	5,270	3,297	46	8	501	364	129	9
NEWPORT NEWS-HAMPTON, VA.	293	49	6	40	111	35	13	3
NORFOLK-PORTSMOUTH, VA.	366	95	17	47	34	45	10	14
NORWALK, CONN.	264	96	4	1	91	18	5	-------
ODESSA, TEX.	56	37	11	-------	-------	2	-------	1
OGDEN, UTAH	178	41	12	7	13	11	3	32
OKLAHOMA CITY, OKLA.	1,296	170	524	70	75	77	16	16
OMAHA, NEBR.-IOWA	589	103	29	121	23	62	29	6
ORLANDO, FLA.	317	74	10	14	80	41	18	12
OXNARD-VENTURA, CALIF.	306	62	68	6	59	30	6	7
PATERSON-CLIFTON-PASSAIC, N.J.	1,599	1,040	36	4	101	98	49	5
PENSACOLA, FLA.	230	136	9	6	10	7	1	15
PEORIA, ILL.	355	198	9	1	13	21	2	3
PHILADELPHIA, PA.-N.J.	8,157	3,645	126	45	688	631	232	75
PHOENIX, ARIZ.	923	200	65	20	91	103	57	48
PINE BLUFF, ARK.	26	7	-------	-------	-------	-------	-------	6
PITTSBURGH, PA.	3,855	1,819	187	18	523	272	96	15
PITTSFIELD, MASS.	90	53	2	-------	5	13	3	1
PONCE, P.R.	28	23	-------	-------	-------	1	-------	-------
PORTLAND, MAINE	111	40	2	4	9	19	-------	6
PORTLAND, OREG.-WASH.	1,175	238	61	20	72	83	13	206
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	859	306	42	10	121	88	6	7
PROVO-OREM, UTAH	287	67	26	1	46	23	3	15
PUEBLO, COLO.	68	12	11	2	4	7	1	2
RACINE, WIS.	150	100	1	-------	6	7	-------	2
RALEIGH, N.C.	850	159	26	5	60	69	11	114
READING, PA.	222	113	11	-------	27	16	-------	1
RENO, NEV.	319	60	68	20	28	13	1	31
RICHMOND, VA.	725	357	16	4	31	32	5	18
ROANOKE, VA.	118	25	8	1	9	12	-------	12

APPENDIX TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
HONOLULU, HAWAII	250	84	4	43	29	30	16	37
HOUSTON, TEX.	355	137	16	66	27	24	3	5
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	12	14	-	5	1	4	-	1
HUNTSVILLE, ALA.	9	10	7	3	3	2	-	-
INDIANAPOLIS, IND.	367	83	14	22	18	3	-	2
JACKSON, MICH.	7	9	-	1	-	1	-	-
JACKSON, MISS.	77	17	-	6	3	3	-	-
JACKSONVILLE, FLA.	34	14	-	2	2	3	-	-
JERSEY CITY, N.J.	67	28	2	8	6	5	-	2
JOHNSTOWN, PA.	9	15	-	4	5	-	-	-
KALAMAZOO, MICH.	130	43	9	25	26	19	6	2
KANSAS CITY, MO.-KANS.	211	107	5	55	25	15	-	4
KENOSHA, WIS.	8	1	-	2	2	3	-	-
KNOXVILLE, TENN.	276	66	16	52	21	16	3	-
LAFAYETTE, LA.	19	11	2	1	3	4	-	1
LAFAYETTE-WEST LAFAYETTE, IND.	313	91	13	103	45	11	2	6
LAKE CHARLES, LA.	15	6	1	2	-	1	-	-
LANCASTER, PA.	40	29	2	13	6	5	-	3
LANSING, MICH.	425	128	24	129	81	45	12	16
LAREDO, TEX.	1	-	-	1	-	-	-	-
LAS VEGAS, NEV.	30	16	1	7	3	6	1	-
LAWRENCE-HAVERHILL, MASS.-N.H.	12	8	1	4	4	2	2	-
LAWTON, OKLA.	10	2	-	1	-	1	-	-
LEWISTON-AUBURN, MAINE	4	4	-	-	2	2	-	-
LEXINGTON, KY.	218	60	6	58	39	10	11	4
LIMA, OHIO	6	4	-	1	1	1	-	-
LINCOLN, NEBR.	152	51	3	49	21	15	5	2
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	71	34	2	18	3	2	-	-
LORAIN-ELYRIA, OHIO	18	11	3	7	6	6	1	-
LOS ANGELES-LONG BEACH, CALIF.	1,238	1,231	88	331	241	168	49	67
LOUISVILLE, KY.-IND.	111	61	6	10	9	8	1	-
LOWELL, MASS.	13	7	-	7	2	-	-	1
LUBBOCK, TEX.	51	17	4	20	12	13	1	2
LYNCHBURG, VA.	10	11	-	5	2	5	-	-
MACON, GA.	12	5	-	3	3	2	-	-
MADISON, WIS.	583	153	28	116	115	56	17	24
MANCHESTER, N.H.	10	6	-	5	1	4	-	-
MANSFIELD, OHIO	5	4	-	1	2	-	-	-
MAYAGUEZ, P.R.	24	-	-	3	-	3	-	3
MCALLEN-PHARR-EDENBURG, TEX.	34	2	-	4	-	-	-	-
MEMPHIS, TENN.-ARK.	170	66	2	24	12	10	2	1
MERIDEN, CONN.	-	6	-	-	1	-	-	-
MIAMI, FLA.	218	113	2	23	13	9	1	4
MIDLAND, TEX.	3	-	-	-	-	-	-	-
MILWAUKEE, WIS.	253	152	9	56	41	30	11	9
MINNEAPOLIS-ST. PAUL, MINN.	655	338	38	144	84	57	9	17
MOBILE, ALA.	28	10	-	4	2	6	-	-
MONROE, LA.	19	4	2	7	4	1	-	-
MONTGOMERY, ALA.	14	18	-	5	5	8	1	2
MUNCIE, IND.	22	22	-	6	7	9	2	5
MUSKEGON-MUSKEGON HEIGHTS, MICH.	6	5	-	-	1	-	-	-
NASHVILLE, TENN.	172	86	5	25	37	22	5	5
NEW BEDFORD, MASS.	6	3	1	2	1	2	-	1
NEW BRITAIN, CONN.	12	11	-	2	4	3	-	1
NEW HAVEN, CONN.	347	109	16	66	51	36	12	22
NEW LONDON-GROTON-NORWICH, CONN.	60	40	4	5	2	4	1	-
NEW ORLEANS, LA.	285	56	8	30	29	23	10	8
NEW YORK, N.Y.	2,983	2,466	208	1,086	552	379	94	102
NEWARK, N.J.	463	269	42	67	35	31	4	5
NEWPORT NEWS-HAMPTON, VA.	19	8	-	5	1	3	-	-
NORFOLK-PORTSMOUTH, VA.	34	32	2	14	7	12	-	3
NORWALK, CONN.	13	25	1	5	2	1	2	-
ODESSA, TEX.	2	-	-	1	-	2	-	-
OGDEN, UTAH	36	11	8	2	-	2	-	-
OKLAHOMA CITY, OKLA.	198	90	7	25	10	13	5	-
OMAHA, NEBR.-IOWA	117	50	3	20	16	9	-	1
ORLANDO, FLA.	39	21	3	3	2	-	-	-
OXNARD-VENTURA, CALIF.	22	36	1	5	2	1	1	-
PATERSON-CLIFTON-PASSAIC, N.J.	104	118	4	21	10	7	1	1
PENSACOLA, FLA.	25	14	1	4	2	-	-	-
PEORIA, ILL.	39	38	2	17	8	4	-	-
PHILADELPHIA, PA.-N.J.	1,426	674	63	236	134	110	33	39
PHOENIX, ARIZ.	137	106	7	38	20	21	8	2
PINE BLUFF, ARK.	10	-	-	-	3	-	-	-
PITTSBURGH, PA.	345	284	34	105	66	54	21	16
PITTSFIELD, MASS.	7	5	-	1	-	-	-	-
PONCE, P.R.	2	-	-	1	1	-	-	-
PORTLAND, MAINE	16	7	-	3	3	2	-	-
PORTLAND, OREG.-WASH.	272	113	8	44	25	12	4	4
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	119	71	2	24	35	14	6	8
PROVO-OREM, UTAH	40	29	5	10	18	2	-	2
PUEBLO, COLO.	10	15	-	3	1	-	-	-
RACINE, WIS.	16	11	-	4	1	1	-	1
RALEIGH, N.C.	253	37	14	56	33	12	-	1
READING, PA.	18	23	-	5	4	4	-	-
RENO, NEV.	44	19	1	14	7	8	4	1
RICHMOND, VA.	154	60	4	30	4	10	-	-
ROANOKE, VA.	14	23	3	6	3	2	-	-

APPENDIX TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
ROCHESTER, N.Y.	2,480	1,177	38	4	512	159	35	11
ROCKFORD, ILL.	96	39	6	-------	11	13	1	1
SACRAMENTO, CALIF.	1,800	362	159	58	76	109	25	169
SAGINAW, MICH.	53	22	2	1	6	2	-------	5
SALEM, OREGON	172	25	18	2	9	13	-------	46
SALINAS-MONTEREY, CALIF.	399	50	14	59	46	57	10	22
ST. JOSEPH, MO.	33	12	2	-------	1	2	-------	1
ST. LOUIS, MO.-ILL.	3,150	1,376	172	132	246	236	50	19
SALT LAKE CITY, UTAH	1,035	240	227	53	73	72	25	39
SAN ANGELO, TEX.	52	3	18	5	3	8	-------	5
SAN ANTONIO, TEX.	780	179	122	33	53	49	12	8
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,276	298	66	47	167	93	18	78
SAN DIEGO, CALIF.	2,029	372	175	23	462	174	107	26
SAN FRANCISCO-OAKLAND, CALIF.	7,868	2,553	637	156	1,015	589	191	161
SAN JOSE, CALIF.	3,471	742	154	39	843	394	319	13
SAN JUAN, P.R.	268	66	16	10	13	8	2	17
SANTA BARBARA, CALIF.	739	134	74	24	150	84	25	13
SAVANNAH, GA.	172	82	4	5	3	9	1	24
SCRANTON, PA.	85	24	-------	-------	14	11	-------	6
SEATTLE-EVERETT, WASH.	2,640	567	183	83	372	245	97	153
SHERMAN-DENISON, TEX.	48	13	3	6	3	5	-------	5
SHREVEPORT, LA.	311	45	183	20	4	18	6	6
SIOUX CITY, IOWA-NEB.	53	14	2	6	4	8	-------	3
SIOUX FALLS, S. DAK.	58	12	1	3	4	9	-------	-------
SOUTH BEND, IND.	477	156	7	1	84	79	4	2
SPOKANE, WASH.	226	44	32	7	10	18	2	20
SPRINGFIELD, ILL.	98	18	4	1	3	15	1	8
SPRINGFIELD, MO.	116	36	9	1	5	13	-------	7
SPRINGFIELD, OHIO	60	7	7	-------	8	8	-------	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	585	266	14	24	35	62	1	2
STAMFORD, CONN.	578	399	4	-------	62	22	10	-------
STEUBENVILLE-WEIRTON, OHIO-W. VA.	54	28	-------	-------	3	3	-------	1
STOCKTON, CALIF.	163	58	5	1	10	8	-------	10
SYRACUSE, N.Y.	1,369	416	69	11	164	127	27	51
TACOMA, WASH.	342	83	26	21	10	32	2	55
TALLAHASSEE, FLA.	633	129	54	44	70	55	2	20
TAMPA-ST. PETERSBURG, FLA.	529	148	23	24	46	56	7	11
TERRE HAUTE, IND.	273	75	24	-------	23	26	1	4
TEXARKANA, TEX-ARK.	21	5	3	-------	1	4	-------	2
TOLEDO, OHIO-MICH.	677	272	44	3	71	62	6	7
TOPEKA, KANS.	201	39	20	8	4	30	1	1
TRENTON, N.J.	1,775	644	66	4	407	145	43	17
TUCSON, ARIZ.	1,037	162	185	28	165	64	8	38
TULSA, OKLA.	737	193	386	5	19	41	14	4
TUSCALOOSA, ALA.	245	46	35	1	16	33	3	8
TYLER, TEX.	90	14	66	1	1	2	-------	2
UTICA-ROME, N.Y.	222	48	11	4	39	27	10	8
VALLEJO-NAPA, CALIF.	192	66	4	16	18	9	1	7
VINELAND-MILLVILLE-BRIDGETON, N.J.	36	24	-------	-------	3	-------	-------	3
WACO, TEX.	129	42	10	5	17	9	-------	5
WASHINGTON, D.C.-MD.-VA.	16,537	2,610	1,212	633	2,374	1,460	767	413
WATERBURY, CONN.	233	194	1	-------	6	7	-------	2
WATERLOO, IOWA	100	16	7	2	5	18	-------	1
WEST PALM BEACH, FLA.	207	47	15	2	19	15	9	9
WHEELING, W. VA.-OHIO	89	32	6	-------	10	8	1	2
WICHITA, KANS.	452	103	147	5	22	46	10	7
WICHITA FALLS, TEX.	104	12	60	4	5	10	-------	1
WILKES-BARRE-HAZLETON, PA.	123	48	-------	1	11	12	1	1
WILMINGTON, DEL.-N.J.-MD.	3,132	2,607	23	5	131	50	14	15
WILMINGTON, N.C.	52	22	2	5	4	4	-------	5
WORCESTER, MASS.	438	150	29	1	57	46	2	9
YORK, PA.	147	60	4	2	11	10	1	9
YOUNGSTOWN-WARREN, OHIO	157	74	10	2	13	8	3	2
OTHER LOCATIONS	68,986	19,129	5,023	1,462	5,984	5,024	747	7,763

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
ROCHESTER, N.Y.	254	138	18	56	24	27	9	18
ROCKFORD, ILL.	11	10	-------	2	1	1	-------	-------
SACRAMENTO, CALIF.	531	126	16	65	52	34	9	9
SAGINAW, MICH.	9	4	-------	2	-------	-------	-------	-------
SALEM, OREGON	16	30	-------	4	4	4	-------	1
SALINAS-MONTEREY, CALIF.	49	49	9	17	3	5	1	8
ST. JOSEPH, MO.	10	5	-------	-------	-------	-------	-------	-------
ST. LOUIS, MO.-ILL.	505	181	19	99	70	40	5	5
SALT LAKE CITY, UTAH	182	62	7	23	18	5	5	4
SAN ANGELO, TEX.	6	2	-------	-------	1	1	-------	-------
SAN ANTONIO, TEX.	167	95	10	16	21	11	-------	4
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	310	108	12	23	22	26	7	1
SAN DIEGO, CALIF.	325	232	7	48	36	22	9	11
SAN FRANCISCO-OAKLAND, CALIF.	1,234	598	70	281	186	94	55	48
SAN JOSE, CALIF.	379	328	45	92	47	44	17	15
SAN JUAN, P.R.	52	29	3	18	10	6	5	13
SANTA BARBARA, CALIF.	81	61	3	28	25	21	9	7
SAVANNAH, GA.	33	4	-------	3	-------	2	-------	-------
SCRANTON, PA.	11	11	1	4	2	1	-------	-------
SEATTLE-EVERETT, WASH.	498	197	25	79	65	44	15	17
SHERMAN-DENISON, TEX.	6	2	-------	2	2	1	-------	-------
SHREVEPORT, LA.	17	8	-------	3	1	-------	-------	-------
SIOUX CITY, IOWA-NEB.	3	9	-------	1	1	2	-------	-------
SIOUX FALLS, S. DAK.	12	8	-------	4	3	1	1	-------
SOUTH BEND, IND.	56	19	2	24	24	14	2	3
SPOKANE, WASH.	31	34	1	9	8	9	-------	1
SPRINGFIELD, ILL.	14	16	4	6	2	4	2	-------
SPRINGFIELD, MO.	18	9	-------	9	6	3	-------	-------
SPRINGFIELD, OHIO	10	9	-------	4	4	3	-------	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	63	56	3	21	16	20	1	1
STAMFORD, CONN.	26	43	2	4	3	2	-------	1
STEUBENVILLE-WEIRTON, OHIO-W. VA.	7	3	-------	5	2	2	-------	-------
STOCKTON, CALIF.	29	30	-------	4	3	5	-------	-------
SYRACUSE, N.Y.	221	114	12	55	42	47	7	6
TACOMA, WASH.	51	43	1	7	6	5	-------	-------
TALLAHASSEE, FLA.	81	56	12	29	52	21	4	4
TAMPA-ST. PETERSBURG, FLA.	78	85	5	13	19	11	2	1
TERRE HAUTE, IND.	55	25	3	14	9	10	3	1
TEXARKANA, TEX-ARK.	4	1	-------	-------	-------	1	-------	-------
TOLEDO, OHIO-MICH.	53	82	5	30	24	15	-------	3
TOPEKA, KANS.	27	59	3	5	3	1	-------	-------
TRENTON, N.J.	117	165	19	58	36	41	5	8
TUCSON, ARIZ.	203	63	4	45	25	17	25	5
TULSA, OKLA.	21	27	3	13	5	5	-------	1
TUSCALOOSA, ALA.	18	42	6	17	8	9	2	1
TYLER, TEX.	1	2	-------	-------	1	-------	-------	-------
UTICA-ROME, N.Y.	27	32	-------	6	2	7	1	-------
VALLEJO-NAPA, CALIF.	22	44	-------	3	2	-------	-------	-------
VINELAND-MILLVILLE-BRIDGETON, N.J.	4	2	-------	-------	-------	-------	-------	-------
WACO, TEX.	18	15	1	1	4	2	-------	-------
WASHINGTON, D.C.-MD.-VA.	2,712	1,065	315	1,630	345	610	65	126
WATERBURY, CONN.	11	7	-------	2	-------	2	-------	1
WATERLOO, IOWA	15	19	-------	7	5	1	-------	4
WEST PALM BEACH, FLA.	40	24	1	11	3	6	2	4
WHEELING, W. VA.-OHIO	10	7	-------	3	4	6	-------	-------
WICHITA, KANS.	31	45	1	19	8	6	2	-------
WICHITA FALLS, TEX.	5	2	-------	1	1	2	-------	1
WILKES-BARRE-HAZLETON, PA.	18	19	-------	7	2	3	-------	-------
WILMINGTON, DEL.-N.J.-MD.	144	73	19	29	8	11	2	1
WILMINGTON, N.C.	8	2	-------	-------	-------	-------	-------	-------
WORCESTER, MASS.	78	35	-------	15	7	8	-------	1
YORK, PA.	22	19	-------	3	-------	6	-------	-------
YOUNGSTOWN-WARREN, OHIO	14	14	-------	7	3	4	-------	3
OTHER LOCATIONS	12,164	4,428	429	2,693	1,584	1,281	281	394

APPENDIX TABLE A-30. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1968

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	297,942	111,206	7,455	86,717	89,141	353	3,070
STANDARD METROPOLITAN STATISTICAL AREAS	228,956	85,823	6,709	66,163	67,573	287	2,401
ABILENE, TEX.	133	35	1	31	66	-------	-------
AKRON, OHIO	1,440	441	3	357	620	2	17
ALBANY, GA.	41	7	-------	21	12	-------	1
ALBANY-SCHENECTADY-TROY, N.Y.	1,886	898	38	473	459	2	16
ALBUQUERQUE, N.MEX.	938	382	30	301	221	-------	4
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	770	319	5	220	215	-------	11
ALTOONA, PA.	42	4	-------	16	21	-------	1
AMARILLO, TEX.	206	38	-------	52	112	-------	4
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,735	600	11	564	534	4	22
ANDERSON, IND.	25	4	-------	6	15	-------	-------
ANN ARBOR, MICH.	2,201	1,089	76	765	260	1	10
ASHEVILLE, N.C.	188	44	-------	58	78	1	7
ATLANTA, GA.	1,669	641	54	450	499	2	23
ATLANTIC CITY, N.J.	68	9	1	27	30	-------	1
AUGUSTA, GA.-S.C.	340	125	17	78	114	-------	6
AUSTIN, TEX.	1,211	524	6	365	304	2	10
BAKERSFIELD, CALIF.	628	108	3	219	289	2	7
BALTIMORE, MD.	3,109	1,050	192	831	1,010	2	24
BATON ROUGE, LA.	925	442	1	263	216	-------	3
BAY CITY, MICH.	55	8	-------	33	13	-------	1
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	473	89	-------	121	256	1	6
BILLINGS, MONT.	145	24	-------	59	62	-------	-------
BILOXI-GULFPORT, MISS.	79	18	-------	28	33	-------	-------
BINGHAMTON, N.Y.-PA.	458	163	3	137	145	1	9
BIRMINGHAM, ALA.	431	172	47	81	128	-------	3
BLOOMINGTON-NORMAL, ILL.	201	103	-------	77	20	1	-------
BOISE CITY, IDAHO	167	24	1	63	79	-------	-------
BOSTON, MASS.	8,946	3,780	483	2,469	2,108	8	98
BRIDGEPORT, CONN.	301	98	2	108	90	1	2
BROCKTON, MASS.	81	31	-------	25	25	-------	-------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	41	11	-------	11	19	-------	-------
BUFFALO, N.Y.	2,101	852	90	502	633	6	18
CANTON, OHIO	144	34	1	56	52	-------	1
CEDAR RAPIDS, IOWA	143	58	1	48	34	-------	2
CHAMPAIGN-URBANA, ILL.	1,976	1,004	8	672	281	1	10
CHARLESTON, S.C.	238	86	15	50	85	-------	2
CHARLESTON, W.VA.	585	155	1	131	285	3	10
CHARLOTTE, N.C.	330	110	3	78	136	2	1
CHATTANOOGA, TENN.-GA.	241	69	1	64	106	-------	1
CHICAGO, ILL.	10,049	3,455	384	2,979	3,105	15	111
CINCINNATI, OHIO-KY.-IND.	1,865	598	61	539	649	-------	18
CLEVELAND, OHIO	3,141	1,001	135	918	1,062	6	19
COLORADO SPRINGS, COLO.	391	131	1	157	93	1	8
COLUMBIA, S.C.	342	144	3	87	106	1	1
COLUMBUS, GA.-ALA.	61	11	1	19	29	-------	1
COLUMBUS, OHIO	2,377	1,051	47	713	544	3	19
CORPUS CHRISTI, TEX.	543	80	2	153	304	-------	4
DALLAS, TEX.	1,926	664	61	517	659	5	20
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	226	52	1	86	86	-------	1
DAYTON, OHIO	1,303	468	12	393	416	-------	14
DECATUR, ILL.	138	52	-------	36	49	-------	1
DENVER, COLO.	3,733	1,264	76	1,088	1,267	6	32
DES MOINES, IOWA	282	81	1	108	88	-------	4
DETROIT, MICH.	3,117	949	64	1,068	992	4	40
DUBUQUE, IOWA	63	23	-------	33	6	-------	1
DULUTH-SUPERIOR, MINN.-WIS.	268	85	1	88	93	-------	1
DURHAM, N.C.	1,540	859	136	265	271	-------	9
EL PASO, TEX.	221	78	3	47	90	1	2
ERIE, PA.	197	67	1	65	62	1	1
EUGENE, OREG.	572	235	1	163	168	1	4
EVANSVILLE, IND.-KY.	270	74	4	81	107	1	3
FALL RIVER, MASS.-R.I.	30	3	1	9	17	-------	-------
FARGO-MOORHEAD, N.DAK.-MINN.	309	173	2	94	37	-------	3
FAYETTEVILLE, N.C.	63	8	1	17	35	-------	2
FITCHBURG-LEOMINSTER, MASS.	72	21	-------	22	29	-------	-------
FLINT, MICH.	171	41	2	96	32	-------	-------
FORT LAUDERDALE-HOLLYWOOD, FLA.	140	43	3	53	39	-------	2
FORT SMITH, ARK.-OKLA.	30	1	-------	5	23	-------	1
FORT WAYNE, IND.	232	63	1	93	70	-------	5
FORT WORTH, TEX.	716	199	-------	234	273	2	8
FRESNO, CALIF.	337	124	2	100	108	-------	3
GADSDEN, ALA.	8	-------	-------	7	1	-------	-------
GALVESTON-TEXAS CITY, TEX.	278	91	23	70	92	-------	2
GARY-HAMMOND-EAST CHICAGO, IND.	548	194	2	185	165	-------	2
GRAND RAPIDS, MICH.	325	104	3	127	87	-------	4
GREAT FALLS, MONT.	69	4	3	13	47	-------	2
GREEN BAY, WIS.	89	31	1	26	29	-------	2
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	535	248	23	119	138	-------	7
GREENVILLE, S.C.	129	32	-------	36	59	-------	2
HAMILTON-MIDDLETOWN, OHIO	258	133	1	59	63	1	1
HARRISBURG, PA.	498	124	13	190	167	-------	4
HARTFORD, CONN.	967	250	17	311	377	2	10
HONOLULU, HAWAII	1,053	437	14	314	274	1	13
HOUSTON, TEX.	4,727	1,097	112	1,250	2,195	18	55
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	176	37	-------	37	98	-------	4
HUNTSVILLE, ALA.	575	140	-------	210	221	-------	4
INDIANAPOLIS, IND.	1,320	453	51	391	411	1	13
JACKSON, MICH.	73	7	-------	31	35	-------	-------

APPENDIX TABLE A-30. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1968--CONTINUED

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
JACKSON, MISS.	295	66	26	106	98	1	2
JACKSONVILLE, FLA.	183	38	3	69	66	-------	7
JERSEY CITY, N.J.	534	163	15	169	180	1	6
JOHNSTOWN, PA.	81	20	-------	34	27	-------	-------
KALAMAZOO, MICH.	647	391	7	147	98	1	3
KANSAS CITY, MO.-KANS.	1,178	338	50	367	405	2	16
KENOSHA, WIS.	42	17	1	13	11	-------	-------
KNOXVILLE, TENN.	1,597	794	16	423	353	-------	11
LAFAYETTE, LA.	414	59	1	144	207	1	2
LAFAYETTE-WEST LAFAYETTE, IND.	1,428	709	7	406	298	1	7
LAKE CHARLES, LA.	163	26	-------	37	98	-------	2
LANCASTER, PA.	417	151	1	127	134	-------	4
LANSING, MICH.	1,578	850	10	464	247	1	6
LAREDO, TEX.	17	1	-------	5	11	-------	-------
LAS VEGAS, NEV.	234	47	1	81	103	-------	2
LAWRENCE-HAVERHILL, MASS.-N.H.	134	28	2	51	52	1	-------
LAWTON, OKLA.	56	6	1	22	26	-------	1
LEWISTON-AUBURN, MAINE	26	10	1	10	5	-------	-------
LEXINGTON, KY.	756	413	45	179	114	-------	5
LIMA, OHIO	67	14	1	23	29	-------	-------
LINCOLN, NEBR.	696	336	5	215	135	-------	5
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	268	96	14	71	85	-------	2
LORAIN-ELYRIA, OHIO	195	75	-------	45	74	-------	1
LOS ANGELES-LONG BEACH, CALIF.	10,807	3,944	247	3,204	3,258	11	143
LOUISVILLE, KY.-IND.	743	222	26	202	280	4	9
LOWELL, MASS.	216	87	-------	71	57	-------	1
LUBBOCK, TEX.	314	162	-------	94	52	-------	6
LYNCHBURG, VA.	112	51	-------	34	27	-------	-------
MACON, GA.	97	13	-------	32	49	1	2
MADISON, WIS.	2,430	1,154	69	691	506	-------	10
MANCHESTER, N.H.	50	15	2	24	9	-------	-------
MANSFIELD, OHIO	37	8	1	12	15	-------	1
MAYAGUEZ, P.R.	85	45	-------	29	11	-------	-------
MCALLEN-PHARR-EDENBURG, TEX.	90	27	-------	37	24	-------	2
MEMPHIS, TENN.-ARK.	575	262	33	126	146	1	7
MERIDEN, CONN.	14	6	-------	2	6	-------	-------
MIAMI, FLA.	892	348	50	254	221	-------	19
MIDLAND, TEX.	710	25	-------	217	461	2	5
MILWAUKEE, WIS.	1,385	493	48	440	387	-------	17
MINNEAPOLIS-ST. PAUL, MINN.	3,792	1,532	105	979	1,141	2	33
MOBILE, ALA.	180	55	1	55	66	1	2
MONROE, LA.	118	47	-------	41	29	-------	1
MONTGOMERY, ALA.	134	33	2	51	46	-------	2
MUNCIE, IND.	137	80	-------	39	17	-------	1
MUSKEGON-MUSKEGON HEIGHTS, MICH.	78	11	1	24	42	-------	-------
NASHVILLE, TENN.	735	340	49	180	161	-------	5
NEW BEDFORD, MASS.	65	25	-------	14	26	-------	-------
NEW BRITAIN, CONN.	79	30	1	35	12	1	-------
NEW HAVEN, CONN.	1,438	726	107	374	224	-------	7
NEW LONDON-GROTON-NORWICH, CONN.	391	150	5	122	111	1	2
NEW ORLEANS, LA.	1,805	493	60	555	676	2	19
NEW YORK, N.Y.	18,611	7,137	1,007	5,622	4,611	22	212
NEWARK, N.J.	5,270	2,010	62	1,452	1,661	7	78
NEWPORT NEWS-HAMPTON, VA.	293	52	2	102	131	-------	6
NORFOLK-PORTSMOUTH, VA.	366	83	4	138	134	-------	7
NORWALK, CONN.	264	53	3	109	93	1	5
ODESSA, TEX.	56	6	-------	16	33	-------	1
OGDEN, UTAH	178	33	-------	62	81	-------	2
OKLAHOMA CITY, OKLA.	1,296	351	34	398	497	2	14
OMAHA, NEBR.-IOWA	589	152	28	200	188	-------	21
ORLANDO, FLA.	317	75	2	115	115	2	8
OXNARD-VENTURA, CALIF.	306	98	-------	108	98	-------	2
PATERSON-CLIFTON-PASSAIC, N.J.	1,599	420	14	477	657	5	26
PENSACOLA, FLA.	230	63	4	48	112	-------	3
PEORIA, ILL.	355	122	-------	126	104	-------	3
PHILADELPHIA, PA.-N.J.	8,157	3,006	385	2,178	2,453	23	112
PHOENIX, ARIZ.	923	313	10	278	308	2	12
PINE BLUFF, ARK.	26	7	-------	4	15	-------	-------
PITTSBURGH, PA.	3,855	1,439	98	988	1,292	4	34
PITTSFIELD, MASS.	90	19	1	27	38	2	3
PONCE, P.R.	28	3	-------	6	18	-------	1
PORTLAND, MAINE	111	17	2	49	42	-------	1
PORTLAND, OREG.-WASH.	1,175	403	52	275	437	-------	8
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	859	336	18	223	268	1	13
PROVO-OREM, UTAH	287	161	4	54	68	-------	-------
PUEBLO, COLO.	68	21	-------	29	17	-------	1
RACINE, WIS.	150	44	-------	37	66	1	2
RALEIGH, N.C.	850	481	7	226	130	2	4
READING, PA.	222	62	2	64	87	1	6
RENO, NEV.	319	134	2	86	93	-------	4
RICHMOND, VA.	725	256	40	186	237	2	4
ROANOKE, VA.	118	43	-------	42	31	1	1
ROCHESTER, N.Y.	2,480	948	74	658	776	1	23
ROCKFORD, ILL.	96	16	2	34	43	-------	1
SACRAMENTO, CALIF.	1,800	707	14	497	554	4	24
SAGINAW, MICH.	53	8	2	19	22	-------	2
SALEM, OREGON	172	56	-------	48	67	-------	1
SALINAS-MONTEREY, CALIF.	399	172	1	128	94	1	3
ST. JOSEPH, MO.	33	2	1	18	12	-------	-------
ST. LOUIS, MO.-ILL.	3,150	1,114	140	912	952	6	26
SALT LAKE CITY, UTAH	1,035	341	45	271	363	3	12

APPENDIX TABLE A-30. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1968--CONTINUED

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
SAN ANGELO, TEX.	52	8	1	20	22	-------	1
SAN ANTONIO, TEX.	780	249	33	243	239	5	11
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,276	473	25	392	363	1	22
SAN DIEGO, CALIF.	2,029	841	55	578	532	2	21
SAN FRANCISCO-OAKLAND, CALIF.	7,868	3,212	218	2,099	2,243	8	88
SAN JOSE, CALIF.	3,471	1,469	84	990	900	1	27
SAN JUAN, P.R.	268	117	8	72	64	1	6
SANTA BARBARA, CALIF.	739	315	2	212	201	1	8
SAVANNAH, GA.	172	46	1	51	72	1	1
SCRANTON, PA.	85	22	-------	39	21	-------	3
SEATTLE-EVERETT, WASH.	2,640	891	116	801	811	2	19
SHERMAN-DENISON, TEX.	48	11	-------	16	17	-------	4
SHREVEPORT, LA.	311	26	2	76	197	2	8
SIOUX CITY, IOWA-NEB.	53	9	-------	29	14	-------	1
SIOUX FALLS, S. DAK.	58	23	1	22	11	-------	1
SOUTH BEND, IND.	477	232	1	114	124	-------	6
SPOKANE, WASH.	226	73	-------	84	68	-------	1
SPRINGFIELD, ILL.	98	18	3	42	33	-------	2
SPRINGFIELD, MO.	116	45	-------	43	26	1	1
SPRINGFIELD, OHIO	60	34	-------	18	8	-------	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	585	197	3	207	170	-------	8
STAMFORD, CONN.	578	226	2	157	183	-------	10
STEUBENVILLE-WEIRTON, OHIO-W. VA.	54	12	2	16	24	-------	-------
STOCKTON, CALIF.	163	58	2	56	42	1	4
SYRACUSE, N.Y.	1,369	582	35	404	340	-------	8
TACOMA, WASH.	342	80	5	109	141	-------	7
TALLAHASSEE, FLA.	633	292	1	187	149	-------	4
TAMPA-ST. PETERSBURG, FLA.	529	222	5	156	134	1	11
TERRE HAUTE, IND.	273	150	4	71	46	-------	2
TEXARKANA, TEX-ARK.	21	-------	-------	9	12	-------	-------
TOLEDO, OHIO-MICH.	677	274	2	197	200	1	3
TOPEKA, KANS.	201	64	6	59	70	1	1
TRENTON, N.J.	1,775	914	10	455	383	-------	13
TUCSON, ARIZ.	1,037	510	12	278	227	-------	10
TULSA, OKLA.	737	159	2	204	354	5	13
TUSCALOOSA, ALA.	245	117	-------	69	57	-------	2
TYLER, TEX.	90	5	-------	21	62	-------	2
UTICA-ROME, N.Y.	222	52	1	81	84	-------	4
VALLEJO-NAPA, CALIF.	192	42	1	70	72	-------	7
VINELAND-MILLVILLE-BRIDGETON, N.J.	36	8	-------	5	19	2	2
WACO, TEX.	129	34	1	34	38	-------	2
WASHINGTON, D.C.-MD.-VA.	16,537	6,395	590	5,088	4,300	8	156
WATERBURY, CONN.	233	53	-------	63	110	-------	7
WATERLOO, IOWA	100	40	-------	46	13	1	-------
WEST PALM BEACH, FLA.	207	83	2	62	56	-------	4
WHEELING, W. VA.-OHIO	89	15	1	38	34	-------	1
WICHITA, KANS.	452	88	3	124	231	1	5
WICHITA FALLS, TEX.	104	18	1	26	56	-------	3
WILKES-BARRE-HAZLETON, PA.	123	36	1	55	29	-------	2
WILMINGTON, DEL.-N.J.-MD.	3,132	1,748	11	571	786	1	15
WILMINGTON, N.C.	52	11	1	12	28	-------	-------
WORCESTER, MASS.	438	210	9	117	97	-------	5
YORK, PA.	147	32	5	51	57	-------	2
YOUNGSTOWN-WARREN, OHIO	157	37	3	60	56	-------	1
OTHER LOCATIONS	68,986	25,383	746	20,554	21,568	66	669

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-31. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1968

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL LOCATIONS	297,942	117,746	29,666	10,031	11,204	95,776	6,462	7,155	1,729	12,707	5,466
STANDARD METROPOLITAN STATISTICAL AREAS	228,956	84,440	22,347	6,962	9,743	79,660	5,423	4,960	1,335	9,785	4,301
ABILENE, TEX.	133	51	1	7	1	37	24	9	1	2	------
AKRON, OHIO	1,440	389	3	25	14	912	11	------	3	62	21
ALBANY, GA.	41	21	5	2	------	10	2	------	1	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	1,886	654	54	242	24	794	5	7	7	66	33
ALBUQUERQUE, N.MEX.	938	228	164	17	49	330	13	91	12	26	8
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	770	331	1	8	17	336	7	1	------	49	20
ALTOONA, PA.	42	19	------	3	1	14	1	------	------	4	------
AMARILLO, TEX.	206	52	41	2	4	77	23	2	------	4	1
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,735	437	16	32	11	1,085	48	9	9	68	20
ANDERSON, IND.	25	11	------	------	------	12	------	1	------	1	------
ANN ARBOR, MICH.	2,201	1,594	57	41	22	229	14	17	8	150	69
ASHEVILLE, N.C.	188	29	77	8	1	61	1	1	2	8	------
ATLANTA, GA.	1,669	693	245	65	20	408	30	79	12	78	39
ATLANTIC CITY, N.J.	68	11	19	8	5	18	1	1	1	4	------
AUGUSTA, GA.-S.C.	340	104	19	10	2	169	2	6	13	12	3
AUSTIN, TEX.	1,211	782	30	71	16	140	21	11	8	93	39
BAKERSFIELD, CALIF.	628	67	230	24	2	216	41	33	1	9	5
BALTIMORE, MD.	3,109	1,092	672	135	80	642	43	226	14	136	69
BATON ROUGE, LA.	925	499	34	23	9	302	4	2	2	32	18
BAY CITY, MICH.	55	40	1	2	4	6	1	------	------	1	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	473	74	9	5	1	362	8	------	2	6	6
BILLINGS, MONT.	145	39	32	7	------	29	31	1	------	5	1
BILOXI-GULFPORT, MISS.	79	4	38	2	------	7	1	25	------	2	------
BINGHAMTON, N.Y.-PA.	458	153	3	4	4	263	1	------	1	19	10
BIRMINGHAM, ALA.	431	219	13	4	73	89	5	1	4	19	4
BLOOMINGTON-NORMAL, ILL.	201	150	1	1	1	41	1	------	------	6	------
BOISE CITY, IDAHO	167	33	66	34	------	24	4	------	2	2	2
BOSTON, MASS.	8,946	3,962	711	131	586	2,552	145	112	55	404	288
BRIDGEPORT, CONN.	301	140	9	3	4	115	9	2	2	14	3
BROCKTON, MASS.	81	39	12	6	2	12	1	------	------	7	2
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	41	6	21	4	------	4	5	------	------	1	------
BUFFALO, N.Y.	2,101	845	37	116	179	747	14	9	10	106	42
CANTON, OHIO	144	60	1	3	7	56	2	------	4	10	1
CEDAR RAPIDS, IOWA	143	77	------	1	1	54	3	1	------	4	2
CHAMPAIGN-URBANA, ILL.	1,976	1,591	34	124	7	17	7	33	3	100	60
CHARLESTON, S.C.	238	96	44	4	1	50	1	32	------	6	4
CHARLESTON, W.VA.	585	35	4	33	2	484	4	1	1	17	4
CHARLOTTE, N.C.	330	99	4	7	8	194	4	------	3	8	3
CHATTANOOGA, TENN.-GA.	241	49	28	7	1	145	5	------	2	1	3
CHICAGO, ILL.	10,049	3,822	252	246	647	4,071	226	31	80	448	226
CINCINNATI, OHIO-KY.-IND.	1,865	513	222	16	35	869	27	56	7	83	37
CLEVELAND, OHIO	3,141	983	257	58	136	1,418	57	4	24	143	61
COLORADO SPRINGS, COLO.	391	108	35	7	14	59	7	144	5	8	4
COLUMBIA, S.C.	342	215	27	40	3	26	5	1	1	16	8
COLUMBUS, GA.-ALA.	61	17	4	------	1	11	2	23	1	1	1
COLUMBUS, OHIO	2,377	1,164	75	119	486	287	39	25	21	109	52
CORPUS CHRISTI, TEX.	543	30	11	7	5	403	69	7	------	10	1
DALLAS, TEX.	1,926	482	45	25	74	1,093	110	2	13	63	19
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	226	90	57	6	10	49	------	3	1	8	2
DAYTON, OHIO	1,303	303	318	17	79	395	12	129	13	30	7
DECATUR, ILL.	138	18	1	9	2	100	------	------	------	7	1
DENVER, COLO.	3,733	1,174	818	94	90	1,074	160	92	23	149	59
DES MOINES, IOWA	282	108	25	30	8	92	4	1	1	9	4
DETROIT, MICH.	3,117	1,098	72	96	169	1,393	55	18	32	140	44
DUBUQUE, IOWA	63	53	------	------	1	6	------	------	------	2	1
DULUTH-SUPERIOR, MINN.-WIS.	268	146	37	21	7	40	2	4	------	9	2
DURHAM, N.C.	1,540	1,050	68	9	87	137	3	21	12	93	60
EL PASO, TEX.	221	95	20	4	4	52	7	28	1	8	2
ERIE, PA.	197	92	1	4	3	88	------	------	------	5	4
EUGENE, OREG.	572	385	47	14	9	45	9	1	------	34	28
EVANSVILLE, IND.-KY.	270	53	4	2	10	164	23	1	1	11	1
FALL RIVER, MASS.-R.I.	30	9	------	------	3	14	------	------	------	3	1
FARGO-MOORHEAD, N.DAK.-MINN.	309	212	55	4	1	6	3	------	2	19	7
FAYETTEVILLE, N.C.	63	13	6	4	------	2	------	37	------	1	------
FITCHBURG-LEOMINSTER, MASS.	72	24	------	4	1	39	------	------	1	2	1
FLINT, MICH.	171	100	2	12	6	38	2	------	------	7	4
FORT LAUDERDALE-HOLLYWOOD, FLA.	140	51	7	4	3	24	13	------	1	35	2
FORT SMITH, ARK.-OKLA.	30	3	11	------	1	5	6	------	------	3	1
FORT WAYNE, IND.	232	99	------	7	7	105	1	------	3	10	------
FORT WORTH, TEX.	716	235	75	9	6	309	31	11	4	23	13
FRESNO, CALIF.	337	164	54	33	5	51	14	------	3	10	3
GADSDEN, ALA.	8	5	------	------	1	1	1	------	------	------	------
GALVESTON-TEXAS CITY, TEX.	278	113	12	1	4	130	2	1	------	11	4
GARY-HAMMOND-EAST CHICAGO, IND.	548	164	1	4	6	343	4	1	------	20	5
GRAND RAPIDS, MICH.	325	166	3	7	10	104	11	------	3	13	8
GREAT FALLS, MONT.	69	7	22	1	3	10	------	20	1	4	1
GREEN BAY, WIS.	89	52	1	5	4	21	------	------	1	3	2
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	535	268	4	7	7	210	6	------	3	22	8
GREENVILLE, S.C.	129	43	------	2	2	69	3	------	------	9	1
HAMILTON-MIDDLETOWN, OHIO	258	184	------	3	1	57	1	1	------	8	3

APPENDIX TABLE A-31. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1968--CONTINUED

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATION	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED											
HARRISBURG, PA.	498	145	38	139	15	118	10	2	2	25	4
HARTFORD, CONN.	967	192	21	60	82	565	25	2	7	22	11
HONOLULU, HAWAII	1,053	569	112	55	37	108	7	85	15	47	18
HOUSTON, TEX.	4,727	802	210	50	61	3,171	200	24	15	130	64
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	176	53	19	5	2	86	3	------	------	7	1
HUNTSVILLE, ALA.	575	60	223	2	6	244	2	26	1	8	3
INDIANAPOLIS, IND.	1,320	337	49	60	22	756	12	6	4	59	15
JACKSON, MICH.	73	25	------	7	3	31	2	1	------	4	------
JACKSON, MISS.	295	104	33	30	1	73	38	------	3	8	5
JACKSONVILLE, FLA.	183	44	12	10	5	68	5	18	2	10	9
JERSEY CITY, N.J.	534	215	5	------	5	281	2	1	3	16	6
JOHNSTOWN, PA.	81	47	2	9	2	7	3	------	1	5	5
KALAMAZOO, MICH.	647	226	2	5	9	375	1	2	1	18	8
KANSAS CITY, MO.-KANS.	1,178	343	107	32	144	437	27	30	11	34	13
KENOSHA, WIS.	42	29	------	1	------	8	1	------	------	3	------
KNOXVILLE, TENN.	1,597	524	108	33	18	778	12	3	30	59	32
LAFAYETTE, LA.	414	79	------	3	------	274	50	------	------	3	5
LAFAYETTE-WEST LAFAYETTE, IND.	1,428	1,190	25	7	5	54	2	3	2	89	51
LAKE CHARLES, LA.	163	43	8	4	------	97	6	------	------	4	1
LANCASTER, PA.	417	146	------	2	8	228	4	1	2	22	4
LANSING, MICH.	1,578	1,214	48	132	14	35	7	1	3	70	54
LAREDO, TEX.	17	6	1	------	------	1	2	7	------	------	------
LAS VEGAS, NEV.	234	67	65	9	2	57	3	18	------	12	1
LAWRENCE-HAVERHILL, MASS.-N.H.	134	57	2	3	1	46	8	1	4	11	1
LAWTON, OKLA.	56	9	7	1	2	1	------	32	------	3	1
LEWISTON-AUBURN, MAINE	26	18	1	1	------	3	2	------	------	1	------
LEXINGTON, KY.	756	577	38	8	21	43	7	15	1	29	17
LIMA, OHIO	67	23	------	------	1	35	3	------	1	4	------
LINCOLN, NEBR.	696	481	69	43	5	44	2	1	2	35	14
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	268	105	47	36	5	50	4	5	1	10	5
LORAIN-ELYRIA, OHIO	195	86	------	2	2	103	------	------	------	2	------
LOS ANGELES-LONG BEACH, CALIF.	10,807	3,789	290	379	851	4,279	445	78	55	461	180
LOUISVILLE, KY.-IND.	743	285	27	19	11	330	8	3	7	36	17
LOWELL, MASS.	216	89	2	3	6	104	1	1	2	6	2
LUBBOCK, TEX.	314	246	9	3	1	16	12	11	1	12	3
LYNCHBURG, VA.	112	54	1	6	1	45	2	------	------	3	------
MACON, GA.	97	21	34	11	------	11	2	14	1	3	------
MADISON, WIS.	2,430	1,817	119	116	31	80	15	21	12	131	88
MANCHESTER, N.H.	50	40	------	2	1	5	1	------	------	1	------
MANSFIELD, OHIO	37	19	2	2	1	8	3	------	1	1	------
MAYAGUEZ, P.R.	85	63	8	------	------	6	2	1	1	1	3
MCALLEN-PHARR-EDENBURG, TEX.	90	39	31	2	------	17	1	------	------	------	------
MEMPHIS, TENN.-ARK.	575	307	31	9	38	145	11	2	3	25	4
MERIDEN, CONN.	14	------	------	5	2	5	------	------	------	2	------
MIAMI, FLA.	892	449	146	17	26	119	36	23	3	60	13
MIDLAND, TEX.	710	11	1	1	1	552	132	------	1	9	2
MILWAUKEE, WIS.	1,385	654	59	47	48	455	33	1	16	55	17
MINNEAPOLIS-ST. PAUL, MINN.	3,792	1,638	198	126	82	1,492	42	7	16	125	66
MOBILE, ALA.	180	74	11	4	2	66	2	9	1	10	1
MONROE, LA.	118	79	------	4	2	27	3	1	------	2	------
MONTGOMERY, ALA.	134	31	18	19	5	12	4	40	------	3	2
MUNCIE, IND.	137	121	1	------	------	12	1	1	------	1	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	78	14	1	------	2	53	2	1	------	3	2
NASHVILLE, TENN.	735	445	28	48	19	116	7	2	2	38	30
NEW BEDFORD, MASS.	65	39	------	------	------	19	1	3	------	1	2
NEW BRITAIN, CONN.	79	61	------	3	1	7	------	------	------	5	2
NEW HAVEN, CONN.	1,438	903	38	40	29	235	8	5	6	86	88
NEW LONDON-GROTON-NORWICH, CONN.	391	61	94	7	7	178	2	31	------	7	4
NEW ORLEANS, LA.	1,805	562	192	25	21	845	66	9	2	52	31
NEW YORK, N.Y.	18,611	7,026	441	565	1,436	6,815	726	165	195	830	412
NEWARK, N.J.	5,270	659	174	27	50	3,944	109	9	22	219	57
NEWPORT NEWS-HAMPTON, VA.	293	42	171	4	------	24	1	46	------	4	1
NORFOLK-PORTSMOUTH, VA.	366	127	50	21	6	47	7	88	3	14	3
NORWALK, CONN.	264	38	------	2	5	178	15	------	1	21	4
ODESSA, TEX.	56	12	1	------	------	40	2	1	------	------	------
OGDEN, UTAH	178	48	84	5	1	15	3	16	------	4	2
OKLAHOMA CITY, OKLA.	1,296	478	93	39	21	443	101	36	2	40	43
OMAHA, NEBR.-IOWA	589	238	43	7	14	115	11	136	4	13	8
ORLANDO, FLA.	317	48	76	7	5	145	9	10	2	13	2
OXNARD-VENTURA, CALIF.	306	69	45	23	8	125	12	5	2	15	2
PATERSON-CLIFTON-PASSAIC, N.J.	1,599	256	2	9	23	1,104	53	2	5	113	32
PENSACOLA, FLA.	230	49	25	5	2	97	5	38	------	6	3
PEORIA, ILL.	355	91	146	14	11	72	2	------	2	13	4
PHILADELPHIA, PA.-N.J.	8,157	2,549	413	146	450	3,797	135	64	55	375	173
PHOENIX, ARIZ.	923	379	79	58	15	244	40	21	5	72	10
PINE BLUFF, ARK.	26	4	10	------	------	8	2	1	1	------	------
PITTSBURGH, PA.	3,855	1,366	127	32	143	1,862	37	11	21	175	81
PITTSFIELD, MASS.	90	21	------	1	1	61	2	------	1	3	------
PONCE, P.R.	28	5	1	------	1	16	1	------	------	4	------
PORTLAND, MAINE	111	41	4	2	9	45	1	------	3	4	2
PORTLAND, OREG.-WASH.	1,175	431	262	73	40	250	42	3	7	47	20
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	859	477	23	24	35	182	10	17	4	50	37
PROVO-OREM, UTAH	287	223	9	3	3	13	7	------	------	21	8
PUEBLO, COLO.	68	33	5	6	8	10	2	1	------	3	------
RACINE, WIS.	150	26	------	4	1	106	2	------	------	9	2
RALEIGH, N.C.	850	605	49	75	5	54	10	4	3	27	18

APPENDIX TABLE A-31. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1968--CONTINUED

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATION	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED											
READING, PA.	222	73	------	8	7	110	3	------	1	12	8
RENO, NEV.	319	183	45	19	1	34	18	1	------	12	6
RICHMOND, VA.	725	245	20	64	13	333	14	------	1	29	6
ROANOKE, VA.	118	58	17	3	4	25	3	1	------	6	1
ROCHESTER, N.Y.	2,480	809	7	21	29	1,450	8	5	5	102	44
ROCKFORD, ILL.	96	35	------	5	3	40	4	------	1	6	2
SACRAMENTO, CALIF.	1,800	969	136	298	14	197	28	62	1	63	32
SAGINAW, MICH.	53	12	2	3	2	26	4	------	------	3	1
SALEM, OREGON	172	66	27	48	1	20	2	------	2	6	------
SALINAS-MONTEREY, CALIF.	399	151	57	17	2	65	12	68	1	24	2
ST. JOSEPH, MO.	33	9	------	7	1	13	------	------	2	1	------
ST. LOUIS, MO.-ILL.	3,150	1,058	163	68	64	1,418	35	124	16	133	71
SALT LAKE CITY, UTAH	1,035	446	136	50	13	257	49	20	3	41	20
SAN ANGELO, TEX.	52	21	4	7	1	5	8	4	------	------	2
SAN ANTONIO, TEX.	780	180	142	25	89	92	62	149	3	26	12
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,276	652	152	62	75	166	22	53	5	60	29
SAN DIEGO, CALIF.	2,029	853	260	48	104	489	49	55	17	116	38
SAN FRANCISCO-OAKLAND, CALIF.	7,868	3,180	822	283	558	1,975	184	277	40	416	133
SAN JOSE, CALIF.	3,471	1,322	232	53	74	1,450	76	27	9	157	71
SAN JUAN, P.R.	268	146	40	17	2	33	6	7	2	9	6
SANTA BARBARA, CALIF.	739	337	33	7	12	215	28	24	4	54	25
SAVANNAH, GA.	172	37	34	4	5	70	2	13	2	2	3
SCRANTON, PA.	85	51	1	5	2	14	1	------	3	6	2
SEATTLE-EVERETT, WASH.	2,640	1,333	200	62	44	754	40	27	6	122	52
SHERMAN-DENISON, TEX.	48	23	1	1	------	13	2	7	------	------	1
SHREVEPORT, LA.	311	40	11	2	2	174	52	22	1	3	4
SIOUX CITY, IOWA-NEB.	53	29	2	4	1	5	------	9	2	1	------
SIOUX FALLS, S. DAK.	58	35	5	------	3	7	4	------	1	2	1
SOUTH BEND, IND.	477	356	3	3	6	59	3	1	1	28	17
SPOKANE, WASH.	226	122	24	10	6	44	4	8	------	6	2
SPRINGFIELD, ILL.	98	14	3	51	3	19	1	------	4	3	------
SPRINGFIELD, MO.	116	66	6	8	------	25	5	1	------	3	2
SPRINGFIELD, OHIO	60	45	1	------	4	6	------	------	------	3	1
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	585	235	12	8	10	250	3	30	1	24	12
STAMFORD, CONN.	578	43	------	1	7	473	22	------	3	24	5
STEUBENVILLE-WEIRTON, OHIO-W. VA.	54	25	------	------	------	20	1	------	------	5	3
STOCKTON, CALIF.	163	97	5	14	3	25	4	3	1	10	1
SYRACUSE, N.Y.	1,369	767	30	18	29	385	15	10	8	82	25
TACOMA, WASH.	342	121	30	17	7	100	9	35	3	15	5
TALLAHASSEE, FLA.	633	468	20	61	5	3	5	5	------	41	25
TAMPA-ST. PETERSBURG, FLA.	529	257	31	15	22	109	18	22	2	44	9
TERRE HAUTE, IND.	273	180	1	1	------	79	4	------	1	6	1
TEXARKANA, TEX-ARK.	21	9	6	1	------	1	1	3	------	------	------
TOLEDO, OHIO-MICH.	677	338	4	14	8	273	9	------	1	24	6
TOPEKA, KANS.	201	48	15	45	29	40	3	13	------	6	2
TRENTON, N.J.	1,775	579	19	94	142	785	14	2	20	75	45
TUCSON, ARIZ.	1,037	693	67	19	16	101	24	17	3	76	21
TULSA, OKLA.	737	75	20	4	20	523	58	------	1	32	4
TUSCALOOSA, ALA.	245	174	16	21	2	15	1	3	------	10	3
TYLER, TEX.	90	11	------	2	------	45	25	------	1	6	------
UTICA-ROME, N.Y.	222	81	38	14	12	46	3	13	------	10	5
VALLEJO-NAPA, CALIF.	192	53	40	23	10	17	1	35	1	11	1
VINELAND-MILLVILLE-BRIDGETON, N.J.	36	5	------	1	2	24	2	------	------	1	1
WACO, TEX.	129	72	12	2	2	20	1	4	2	7	7
WASHINGTON, D.C.-MD.-VA.	16,537	2,252	9,015	318	1,071	1,768	215	1,172	119	436	171
WATERBURY, CONN.	233	27	------	1	6	183	5	------	------	7	4
WATERLOO, IOWA	100	80	2	------	2	14	------	------	------	1	1
WEST PALM BEACH, FLA.	207	102	11	7	6	37	12	------	2	27	3
WHEELING, W. VA.-OHIO	89	55	10	2	1	15	1	------	------	5	------
WICHITA, KANS.	452	123	9	3	15	199	67	12	2	17	5
WICHITA FALLS, TEX.	104	23	6	------	2	20	36	9	------	7	1
WILKES-BARRE-HAZLETON, PA.	123	71	4	2	4	24	4	------	------	10	4
WILMINGTON, DEL.-N.J.-MD.	3,132	285	16	15	23	2,579	17	9	3	155	30
WILMINGTON, N.C.	52	21	6	------	2	17	------	3	1	1	1
WORCESTER, MASS.	438	212	3	13	58	110	7	1	3	21	10
YORK, PA.	147	67	------	4	5	50	5	1	2	12	1
YOUNGSTOWN-WARREN, OHIO	157	81	2	4	8	46	5	------	2	7	2
OTHER LOCATIONS	68,986	33,306	7,319	3,069	1,461	16,116	1,039	2,195	394	2,922	1,165

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-32. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1968

LOCATION	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL LOCATIONS	297,942	96,036	46,177	38,841	62,870	28,568	62,087	16,847	12,334	14,365	8,416	12,707	12,280
STANDARD METROPOLITAN STATISTICAL AREAS	228,956	77,531	37,239	31,236	47,769	23,432	42,430	13,318	10,570	11,574	6,455	9,785	9,524
ABILENE, TEX.	133	9	2	7	17	1	41	9	2	48	3	2	2
AKRON, OHIO	1,440	525	114	234	293	187	265	162	34	17	30	62	52
ALBANY, GA.	41	6	4	2	11	1	18	3	3	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	1,886	722	341	265	391	201	392	86	59	41	42	66	87
ALBUQUERQUE, N.MEX.	938	389	141	225	231	113	128	14	34	60	24	26	32
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	770	209	74	95	148	81	218	62	17	21	18	49	28
ALTOONA, PA.	42	5	1	2	7	1	15	7	------	1	3	4	------
AMARILLO, TEX.	206	28	11	16	36	17	40	21	5	59	3	4	10
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,735	657	145	358	398	236	277	82	72	86	41	68	54
ANDERSON, IND.	25	3	------	------	2	1	9	5	1	2	------	1	2
ANN ARBOR, MICH.	2,201	920	631	267	209	120	637	26	48	42	48	150	121
ASHEVILLE, N.C.	188	43	8	28	56	23	24	21	3	19	9	8	5
ATLANTA, GA.	1,669	389	185	175	399	144	421	109	92	63	43	78	75
ATLANTIC CITY, N.J.	68	24	2	21	18	5	6	1	2	7	2	4	4
AUGUSTA, GA.-S.C.	340	97	35	45	93	40	52	48	11	8	8	12	11
AUSTIN, TEX.	1,211	447	315	120	169	90	328	14	33	44	22	93	61
BAKERSFIELD, CALIF.	628	189	53	112	122	62	44	52	31	155	15	9	11
BALTIMORE, MD.	3,109	1,238	614	505	609	327	521	165	129	71	79	136	161
BATON ROUGE, LA.	925	311	156	123	145	63	221	107	15	13	30	32	51
BAY CITY, MICH.	55	1	------	1	11	2	34	1	3	------	2	1	2
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	473	115	10	58	97	24	62	137	7	21	9	6	19
BILLINGS, MONT.	145	6	2	4	36	5	33	7	12	42	------	5	4
BILOXI-GULFPORT, MISS.	79	26	14	12	21	2	10	2	4	3	6	2	5
BINGHAMTON, N.Y.-PA.	458	162	23	79	99	56	104	22	11	13	13	19	15
BIRMINGHAM, ALA.	431	138	76	58	84	29	114	25	17	12	8	19	14
BLOOMINGTON-NORMAL, ILL.	201	16	4	12	52	22	114	------	3	5	1	6	4
BOISE CITY, IDAHO	167	17	4	12	77	22	21	4	9	15	18	2	4
BOSTON, MASS.	8,946	4,111	2,402	1,340	1,432	857	1,459	262	474	189	159	404	456
BRIDGEPORT, CONN.	301	47	9	12	68	30	112	23	18	5	6	14	8
BROCKTON, MASS.	81	7	3	1	9	2	35	5	9	------	2	7	7
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	41	14	5	8	10	3	6	2	3	2	1	1	2
BUFFALO, N.Y.	2,101	816	399	302	367	176	440	168	56	22	45	106	81
CANTON, OHIO	144	29	2	27	19	5	52	18	5	3	3	10	5
CEDAR RAPIDS, IOWA	143	25	1	15	16	8	73	11	5	5	------	4	4
CHAMPAIGN-URBANA, ILL.	1,976	986	797	183	158	81	519	10	19	32	51	100	101
CHARLESTON, S.C.	238	51	22	22	69	12	58	19	8	12	8	6	7
CHARLESTON, W.VA.	585	192	37	85	154	89	29	126	11	16	25	17	15
CHARLOTTE, N.C.	330	55	3	15	85	34	84	50	18	13	6	8	11
CHATTANOOGA, TENN.-GA.	241	55	8	24	66	36	44	39	8	9	10	1	9
CHICAGO, ILL.	10,049	3,480	1,722	1,309	2,206	1,100	1,704	767	543	275	233	448	393
CINCINNATI, OHIO-KY.-IND.	1,865	576	229	243	456	272	315	183	78	46	58	83	70
CLEVELAND, OHIO	3,141	1,235	565	477	611	326	443	275	166	67	75	143	126
COLORADO SPRINGS, COLO.	391	63	12	40	83	23	161	8	10	40	9	8	9
COLUMBIA, S.C.	342	62	49	11	63	11	134	13	14	9	12	16	19
COLUMBUS, GA.-ALA.	61	5	------	4	25	6	14	2	3	1	6	1	4
COLUMBUS, OHIO	2,377	786	435	312	426	223	543	70	70	157	103	109	113
CORPUS CHRISTI, TEX.	543	87	21	44	89	37	21	85	13	214	6	10	18
DALLAS, TEX.	1,926	622	232	290	427	194	272	122	111	185	55	63	69
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	226	44	12	30	54	20	81	16	10	5	7	8	1
DAYTON, OHIO	1,303	501	222	214	353	240	218	53	32	43	30	30	43
DECATUR, ILL.	138	45	12	26	42	19	15	18	3	------	4	7	4
DENVER, COLO.	3,733	1,251	679	477	698	293	542	142	166	571	72	149	142
DES MOINES, IOWA	282	37	7	27	87	20	84	18	14	12	13	9	8
DETROIT, MICH.	3,117	922	357	414	639	303	694	275	176	77	69	140	125
DUBUQUE, IOWA	63	2	1	1	8	1	44	2	2	------	2	2	1
DULUTH-SUPERIOR, MINN.-WIS.	268	25	7	16	66	15	126	11	4	12	6	9	9
DURHAM, N.C.	1,540	696	526	157	198	122	370	8	42	22	24	93	87
EL PASO, TEX.	221	30	12	16	42	13	73	20	11	18	12	8	7
ERIE, PA.	197	36	4	17	46	19	73	12	9	3	3	5	10
EUGENE, OREG.	572	180	157	18	108	19	165	10	13	9	16	34	37
EVANSVILLE, IND.-KY.	270	63	23	26	64	33	47	34	14	23	9	11	5
FALL RIVER, MASS.-R.I.	30	4	------	------	4	3	9	6	3	------	------	3	1
FARGO-MOORHEAD, N.DAK.-MINN.	309	86	59	26	30	16	130	5	4	5	8	19	22
FAYETTEVILLE, N.C.	63	2	1	1	29	1	13	------	2	5	7	1	4
FITCHBURG-LEOMINSTER, MASS.	72	16	1	5	19	12	23	8	3	------	------	2	1
FLINT, MICH.	171	9	------	4	33	10	90	7	12	4	4	7	5
FORT LAUDERDALE-HOLLYWOOD, FLA.	140	26	6	15	16	8	26	6	16	1	5	35	9
FORT SMITH, ARK.-OKLA.	30	------	------	------	11	------	3	3	2	6	1	3	1
FORT WAYNE, IND.	232	35	7	14	63	24	81	14	14	6	8	10	1
FORT WORTH, TEX.	716	147	44	86	144	59	171	36	26	112	23	23	34
FRESNO, CALIF.	337	56	10	46	84	19	136	9	17	9	9	10	7
GADSDEN, ALA.	8	1	------	------	1	1	5	------	1	------	------	------	------

APPENDIX TABLE A-32. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION FORECASTING, REPORTING	OTHER			
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D								
STANDARD METROPOLITAN STATISTICAL AREA - CONTINUED														
GALVESTON-TEXAS CITY, TEX.	278	105	42	47	48	19	42	50	9	2	4	11	7
GARY-HAMMOND-EAST CHICAGO, IND.	548	148	17	96	111	59	132	92	12	8	13	20	12
GRAND RAPIDS, MICH.	325	43	1	25	57	21	145	22	23	4	8	13	10
GREAT FALLS, MONT.	69	5	2	2	15	1	7	7	3	18	7	4	3
GREEN BAY, WIS.	89	6	2	2	17	1	43	7	4	2	2	3	5
GREENSBORO-WINSTON-SALEM-HIGH POINT,N.C.	535	151	71	51	92	53	193	19	21	10	9	22	18
GREENVILLE, S.C.	129	15	1	2	36	10	37	22	5	1	1	9	3
HAMILTON-MIDDLETOWN, OHIO	258	41	16	21	25	8	149	13	7	3	5	8	7
HARRISBURG, PA.	498	94	25	58	143	50	111	34	27	25	19	25	20
HARTFORD, CONN.	967	271	47	163	307	135	151	42	59	49	31	22	35
HONOLULU, HAWAII	1,053	367	220	138	193	64	231	26	42	51	46	47	50
HOUSTON, TEX.	4,727	1,238	430	621	964	370	365	580	193	928	144	130	185
HUNTINGTON-ASHLAND, W.VA	176	22	3	15	36	10	48	34	8	6	9	7	6
HUNTSVILLE, ALA.	575	267	59	173	154	122	45	15	11	38	21	8	16
INDIANAPOLIS, IND.	1,320	480	190	210	301	155	217	107	39	33	44	59	40
JACKSON, MICH.	73	4	------	4	17	6	22	6	8	7	3	4	2
JACKSON, MISS.	295	53	36	17	56	17	62	12	11	73	9	8	11
JACKSONVILLE, FLA.	183	21	2	17	56	13	39	20	10	11	4	10	12
JERSEY CITY, N.J.	534	129	46	43	129	69	129	78	17	9	10	16	17
JOHNSTOWN, PA.	81	4	1	3	17	4	37	5	5	1	2	5	5
KALAMAZOO, MICH.	647	234	88	114	136	76	157	36	14	10	18	18	24
KANSAS CITY, MO.-KANS.	1,178	310	116	161	289	125	225	110	64	75	28	34	43
KENOSHA, WIS.	42	1	------	------	3	------	27	4	1	------	1	3	2
KNOXVILLE, TENN.	1,597	789	471	247	263	167	240	58	32	68	36	59	52
LAFAYETTE, LA.	414	5	------	5	39	3	67	55	12	218	5	3	10
LAFAYETTE-WEST LAFAYETTE, IND.	1,428	656	479	169	126	49	414	18	7	10	35	89	73
LAKE CHARLES, LA.	163	11	3	2	41	2	33	47	3	11	3	4	10
LANCASTER, PA.	417	136	22	65	74	48	133	31	5	3	2	22	11
LANSING, MICH.	1,578	604	419	181	205	64	484	15	29	32	47	70	92
LAREDO, TEX.	17	------	------	------	6	------	6	------	------	3	1	------	1
LAS VEGAS, NEV.	234	61	10	42	51	27	41	16	10	23	12	12	8
LAWRENCE-HAVERHILL, MASS.-N.H.	134	15	2	4	25	9	50	18	7	3	1	11	4
LAWTON, OKLA.	56	7	4	2	15	1	17	------	2	5	5	3	2
LEWISTON-AUBURN, MAINE	26	2	1	------	4	------	15	2	------	------	1	1	1
LEXINGTON, KY.	756	285	192	84	93	38	238	6	27	18	20	29	40
LIMA, OHIO	67	9	1	6	13	5	20	17	3	1	------	4	------
LINCOLN, NEBR.	696	231	141	87	91	36	241	11	20	12	21	35	34
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	268	59	25	25	78	30	57	10	21	11	12	10	10
LORAIN-ELYRIA, OHIO	195	56	1	7	36	22	73	15	5	4	1	2	3
LOS ANGELES-LONG BEACH, CALIF.	10,807	3,539	1,478	1,552	2,279	1,198	1,874	547	773	601	293	461	440
LOUISVILLE, KY.-IND.	743	194	87	62	160	63	169	89	29	15	23	36	28
LOWELL, MASS.	216	55	16	29	53	39	71	13	5	4	3	6	6
LUBBOCK, TEX.	314	59	38	20	36	12	166	8	10	5	6	12	12
LYNCHBURG, VA.	112	25	2	13	22	15	51	4	4	2	1	3	------
MACON, GA.	97	14	5	9	25	3	20	16	2	9	4	3	4
MADISON, WIS.	2,430	1,226	947	264	258	136	480	25	52	37	80	131	141
MANCHESTER, N.H.	50	4	1	3	5	1	36	1	3	------	------	1	------
MANSFIELD, OHIO	37	4	1	3	11	4	14	2	3	------	------	1	2
MAYAGUEZ, P.R.	85	24	18	6	12	2	33	3	------	------	3	1	9
MCALLEN-PHARR-EDENBURG, TEX.	90	34	13	21	17	9	28	4	------	4	3	------	------
MEMPHIS, TENN.-ARK.	575	135	79	45	112	43	170	53	34	16	14	25	16
MERIDEN, CONN.	14	2	------	1	5	1	1	------	3	------	------	2	1
MIAMI, FLA.	692	299	191	102	146	58	186	25	66	43	28	60	39
MIDLAND, TEX.	710	16	2	13	113	19	6	77	22	439	6	9	22
MILWAUKEE, WIS.	1,385	327	123	149	311	136	422	78	88	17	31	55	56
MINNEAPOLIS-ST. PAUL, MINN.	3,792	1,523	682	601	790	460	688	170	147	85	97	125	167
MOBILE, ALA.	180	25	5	16	47	13	63	15	2	4	7	10	7
MONROE, LA.	118	7	------	6	34	10	61	6	1	2	1	2	4
MONTGOMERY, ALA.	134	18	3	15	44	13	33	5	4	12	7	3	8
MUNCIE, IND.	137	8	3	4	21	8	94	2	4	1	1	1	5
MUSKEGON-MUSKEGON HEIGHTS, MICH.	78	19	1	8	18	8	12	15	4	------	3	3	4
NASHVILLE, TENN.	735	246	164	62	116	43	200	25	25	17	28	38	40
NEW BEDFORD, MASS.	65	10	6	------	12	4	29	5	2	------	3	1	3
NEW BRITAIN, CONN.	79	2	------	1	9	------	57	1	1	------	3	5	1
NEW HAVEN, CONN.	1,438	679	516	131	147	81	303	24	42	20	25	86	112
NEW LONDON-GROTON-NORWICH, CONN.	391	187	55	104	79	49	51	24	9	10	9	7	15
NEW ORLEANS, LA.	1,805	386	217	155	261	81	278	194	46	480	32	52	76
NEW YORK, N.Y.	18,611	5,485	2,867	2,077	4,260	1,740	3,250	1,021	1,628	704	589	830	844
NEWARK, N.J.	5,270	2,206	762	989	1,264	770	474	525	199	102	113	219	168
NEWPORT NEWS-HAMPTON, VA.	293	143	67	71	53	27	33	9	10	26	10	4	5
NORFOLK-PORTSMOUTH, VA.	366	61	10	45	103	23	107	23	14	10	16	14	18
NORWALK, CONN.	264	94	7	54	64	36	27	15	21	8	5	21	9
ODESSA, TEX.	56	9	1	6	11	4	10	20	2	1	1	------	2
OGDEN, UTAH	178	22	1	16	68	15	40	18	4	11	3	4	8
OKLAHOMA CITY, OKLA.	1,296	208	128	68	190	53	283	104	42	316	43	40	70

APPENDIX TABLE A-32. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
OMAHA, NEBR.-IOWA	589	98	39	50	144	43	148	24	35	74	30	13	23
ORLANDO, FLA.	317	93	5	69	98	51	34	22	16	21	11	13	9
OXNARD-VENTURA, CALIF.	306	98	43	50	51	16	54	22	23	30	6	15	7
PATERSON-CLIFTON-PASSAIC, N.J.	1,599	432	86	214	435	235	171	202	100	24	36	113	86
PENSACOLA, FLA.	230	56	13	22	60	25	42	34	5	2	12	6	13
PEORIA, ILL.	355	150	79	57	48	26	76	28	15	11	2	13	12
PHILADELPHIA, PA.-N.J.	8,157	2,981	1,285	1,227	1,689	923	1,320	622	439	166	208	375	357
PHOENIX, ARIZ.	923	220	76	97	183	66	253	39	66	32	33	72	25
PINE BLUFF, ARK.	26	3	------	2	16	5	3	3	------	------	1	------	------
PITTSBURGH, PA.	3,855	1,504	653	621	781	445	611	262	165	95	108	175	154
PITTSFIELD, MASS.	90	25	1	10	19	9	19	8	7	2	2	3	5
PONCE, P.R.	28	------	------	------	7	3	5	11	------	------	1	4	------
PORTLAND, MAINE	111	11	2	5	33	15	36	5	9	2	6	4	5
PORTLAND, OREG.-WASH.	1,175	236	99	117	337	94	282	66	73	47	48	47	39
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	859	290	197	60	125	51	235	46	24	8	25	50	56
PROVO-OREM, UTAH	287	44	37	5	26	5	153	2	14	5	7	21	15
PUEBLO, COLO.	68	2	------	2	15	3	27	5	8	3	------	3	5
RACINE, WIS.	150	54	16	18	35	24	25	14	5	3	1	9	4
RALEIGH, N.C.	850	358	199	151	137	54	217	12	11	19	38	27	31
READING, PA.	222	42	5	23	48	25	64	22	14	2	7	12	11
RENO, NEV.	319	105	56	47	50	19	76	6	9	37	6	12	18
RICHMOND, VA.	725	213	69	112	191	94	149	62	34	13	22	29	12
ROANOKE, VA.	118	9	4	4	27	3	47	8	10	3	2	6	6
ROCHESTER, N.Y.	2,480	1,121	483	402	455	246	373	187	58	32	64	102	88
ROCKFORD, ILL.	96	10	------	7	19	7	31	14	8	4	1	6	3
SACRAMENTO, CALIF.	1,800	604	329	246	353	138	377	72	59	110	75	63	87
SAGINAW, MICH.	53	10	1	7	14	4	9	7	5	------	4	3	1
SALEM, OREGON	172	18	1	14	57	8	56	8	12	5	7	6	3
SALINAS-MONTEREY, CALIF.	399	91	31	58	72	26	124	5	14	22	31	24	16
ST. JOSEPH, MO.	33	4	------	2	11	3	9	4	3	1	------	1	------
ST. LOUIS, MO.-ILL.	3,150	974	415	448	780	343	541	262	135	80	92	133	153
SALT LAKE CITY, UTAH	1,035	312	181	116	199	71	201	47	50	116	26	41	43
SAN ANGELO, TEX.	52	1	------	1	8	2	19	3	2	12	4	------	3
SAN ANTONIO, TEX.	780	214	79	128	169	79	152	39	46	72	21	26	41
SAN BERNARDINO-RIVERSIDE-ONTARIO, CA.	1,276	492	258	197	234	102	270	31	49	53	32	60	55
SAN DIEGO, CALIF.	2,029	862	451	341	334	197	409	49	84	53	43	116	79
SAN FRANCISCO-OAKLAND, CALIF.	7,868	3,226	1,670	1,292	1,458	746	1,109	403	384	320	232	416	320
SAN JOSE, CALIF.	3,471	1,563	751	594	625	401	503	122	173	99	77	157	152
SAN JUAN, P.R.	268	67	44	23	55	15	79	11	12	15	4	9	16
SANTA BARBARA, CALIF.	739	262	126	122	103	52	180	21	31	27	19	54	42
SAVANNAH, GA.	172	35	8	19	53	17	30	24	3	8	8	2	9
SCRANTON, PA.	85	6	------	4	13	2	48	5	2	2	1	6	2
SEATTLE-EVERETT, WASH.	2,640	1,098	620	376	433	200	517	98	105	102	54	122	111
SHERMAN-DENISON, TEX.	48	4	1	1	10	3	19	4	1	7	1	------	2
SHREVEPORT, LA.	311	24	6	14	60	8	30	38	9	128	8	3	11
SIOUX CITY, IOWA-NEB.	53	3	------	3	12	------	24	2	3	4	2	1	2
SIOUX FALLS, S. DAK.	58	3	------	3	13	4	31	2	3	2	1	2	1
SOUTH BEND, IND.	477	142	123	11	68	33	181	12	9	3	8	28	26
SPOKANE, WASH.	226	29	5	23	49	18	97	6	7	19	3	6	10
SPRINGFIELD, ILL.	98	9	3	6	42	8	11	8	6	5	7	3	7
SPRINGFIELD, MO.	116	6	2	2	24	7	61	9	5	2	------	3	6
SPRINGFIELD, OHIO	60	4	------	4	5	2	40	1	3	------	------	3	4
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	585	111	13	57	116	53	205	55	26	17	13	24	18
STAMFORD, CONN.	578	248	48	143	159	105	29	42	35	6	15	24	20
STEUBENVILLE-WEIRTON, OHIO-W. VA.	54	4	1	2	9	1	21	7	2	------	1	5	5
STOCKTON, CALIF.	163	21	11	10	22	8	69	17	12	1	4	10	7
SYRACUSE, N.Y.	1,369	474	262	144	199	94	409	54	42	25	30	82	54
TACOMA, WASH.	342	62	8	50	100	22	79	21	20	18	19	15	8
TALLAHASSEE, FLA.	633	220	183	35	81	29	193	7	11	19	20	41	41
TAMPA-ST. PETERSBURG, FLA.	529	89	36	39	88	27	176	30	51	18	18	44	15
TERRE HAUTE, IND.	273	34	5	22	51	21	145	18	4	2	5	6	8
TEXARKANA, TEX-ARK.	21	------	------	------	6	------	8	3	------	2	2	------	------
TOLEDO, OHIO-MICH.	677	170	73	70	126	54	245	62	23	4	13	24	10
TOPEKA, KANS.	201	36	6	25	38	13	45	22	29	8	11	6	6
TRENTON, N.J.	1,775	867	484	323	354	218	199	61	58	44	32	75	85
TUCSON, ARIZ.	1,037	391	256	125	115	55	286	14	29	67	19	76	40
TULSA, OKLA.	737	155	32	110	194	58	53	71	31	160	18	32	23
TUSCALOOSA, ALA.	245	38	27	10	33	8	116	8	10	12	4	10	14
TYLER, TEX.	90	------	------	------	16	4	10	9	3	42	2	6	2
UTICA-ROME, N.Y.	222	67	13	44	42	29	62	13	7	8	4	10	9
VALLEJO-NAPA, CALIF.	192	32	3	19	34	11	47	17	28	11	6	11	6
VINELAND-MILLVILLE-BRIDG	36	5	3	2	7	4	4	13	3	------	2	1	1
WACO, TEX.	129	23	10	8	24	9	50	3	7	3	1	7	11
WASHINGTON, D.C.-MD.-VA.	16,537	6,167	2,927	2,938	5,471	3,309	1,102	254	611	1,108	774	436	614
WATERBURY, CONN.	233	83	13	38	67	40	21	37	6	2	3	7	7
WATERLOO, IOWA	100	9	3	6	9	3	67	4	6	3	1	1	------
WEST PALM BEACH, FLA.	207	42	9	27	33	15	69	6	10	7	5	27	8
WHEELING, W. VA.-OHIO	89	5	1	1	11	5	52	5	2	4	1	5	4

APPENDIX TABLE A-32. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION FORECASTING, REPORTING	OTHER			
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D								
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED														
WICHITA, KANS.	452	48	10	26	78	20	105	51	37	91	9		17	16
WICHITA FALLS, TEX.	104	4	2	2	12	1	22	12	3	36	2		7	6
WILKES-BARRE-HAZLETON, PA.	123	6	1	5	12	3	60	13	14	------	------		10	8
WILMINGTON, DEL.-N.J.-MD.	3,132	1,309	418	620	790	445	158	337	87	42	151		155	103
WILMINGTON, N.C.	52	7	1	3	15	1	15	6	1	3	1		1	3
WORCESTER, MASS.	438	111	78	26	86	42	157	14	10	5	13		21	21
YORK, PA.	147	17	------	9	33	8	56	11	8	2	3		12	5
YOUNGSTOWN-WARREN, OHIO	157	18	3	9.	28	5	68	13	9	2	3		7	9
OTHER LOCATIONS	68,986	18,505	8,938	7,605	15,101	5,136	19,657	3,529	1,764	2,791	1,961		2,922	2,756

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	13,200	13,500	12,900	13,400	14,000	13,000	14,100	11,000
STANDARD METROPOLITAN STATISTICAL AREAS	13,800	13,800	13,000	13,400	14,500	14,000	14,200	12,200
ABILENE, TEX.	10,000	------	10,500	------	------	------	------	------
AKRON, OHIO	13,000	13,200	10,800	------	12,500	11,800	------	------
ALBANY, GA.	10,000	------	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	14,200	14,100	12,000	------	16,300	14,000	13,900	------
ALBUQUERQUE, N.MEX.	14,700	14,400	13,000	------	16,400	15,000	13,800	12,900
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	12,800	14,000	12,600	------	13,800	12,000	------	------
ALTOONA, PA.	9,800	------	------	------	------	------	------	------
AMARILLO, TEX.	12,000	11,700	12,500	------	------	------	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	15,000	15,000	14,000	------	17,200	15,600	15,400	------
ANDERSON, IND.	------	------	------	------	------	------	------	------
ANN ARBOR, MICH.	13,600	11,300	12,400	------	14,200	13,000	12,600	13,000
ASHEVILLE, N.C.	11,800	12,300	------	12,600	------	------	------	------
ATLANTA, GA.	13,000	12,600	12,000	12,500	12,400	13,000	13,200	12,500
ATLANTIC CITY, N.J.	11,800	------	------	------	------	------	------	------
AUGUSTA, GA.-S.C.	14,000	14,000	------	------	15,000	------	------	------
AUSTIN, TEX.	13,000	13,000	12,400	------	13,000	12,800	------	------
BAKERSFIELD, CALIF.	13,400	14,000	13,200	------	14,200	14,200	------	10,300
BALTIMORE, MD.	13,600	13,500	12,200	------	13,500	14,000	14,000	------
BATON ROUGE, LA.	13,600	15,000	13,000	------	10,600	12,600	------	13,000
BAY CITY, MICH.	9,900	------	------	------	------	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	12,400	12,600	12,700	------	------	------	------	------
BILLINGS, MONT.	11,900	------	12,000	------	------	------	------	------
BILOXI-GULFPORT, MISS.	10,900	------	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA.	14,000	14,200	------	------	14,000	15,400	12,800	------
BIRMINGHAM, ALA.	13,500	11,500	------	------	------	12,500	------	------
BLOOMINGTON-NORMAL, ILL.	12,500	------	------	------	------	11,800	------	------
BOISE CITY, IDAHO	11,300	------	------	------	------	------	------	10,800
BOSTON, MASS.	14,000	13,000	12,800	14,700	15,500	15,000	14,200	12,000
BRIDGEPORT, CONN.	12,000	12,000	------	------	12,500	11,100	------	------
BROCKTON, MASS.	11,100	------	------	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	11,300	------	------	------	------	------	------	------
BUFFALO, N.Y.	13,200	12,800	12,300	------	14,000	11,700	------	------
CANTON, OHIO	10,900	11,400	------	------	------	------	------	------
CEDAR RAPIDS, IOWA	12,000	12,000	------	------	------	------	------	------
CHAMPAIGN-URBANA, ILL.	13,000	10,200	13,500	------	12,800	12,000	------	14,300
CHARLESTON, S.C.	13,800	14,000	------	------	------	------	------	------
CHARLESTON, W.VA.	14,100	14,600	------	------	------	------	------	------
CHARLOTTE, N.C.	12,800	14,300	------	------	------	------	------	------
CHATTANOOGA, TENN.-GA.	11,800	12,000	------	------	------	------	------	------
CHICAGO, ILL.	13,600	13,300	12,200	12,600	14,000	14,000	13,200	12,600
CINCINNATI, OHIO-KY.-IND.	13,500	13,400	12,200	13,800	12,000	14,500	------	------
CLEVELAND, OHIO	13,500	13,600	11,400	------	13,200	12,500	13,000	------
COLORADO SPRINGS, COLO.	12,100	------	------	------	13,000	13,400	14,000	------
COLUMBIA, S.C.	11,800	10,000	------	------	------	------	------	------
COLUMBUS, GA.-ALA.	12,000	------	------	------	------	------	------	------
COLUMBUS, OHIO	13,000	12,800	12,000	------	15,000	12,600	13,200	12,600
CORPUS CHRISTI, TEX.	12,600	13,300	12,600	------	------	------	------	------
DALLAS, TEX.	14,500	13,600	14,100	------	15,700	15,000	13,900	------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	12,000	12,500	------	------	------	12,200	------	------
DAYTON, OHIO	13,800	13,800	------	------	14,000	14,200	14,000	------
DECATUR, ILL.	14,300	14,400	------	------	------	------	------	------
DENVER, COLO.	13,400	12,500	14,000	15,300	14,000	12,000	14,100	12,300
DES MOINES, IOWA	12,500	12,000	------	------	------	15,500	------	------
DETROIT, MICH.	13,100	13,300	11,000	------	13,600	13,000	13,500	------
DUBUQUE, IOWA	10,000	------	------	------	------	------	------	------
DULUTH-SUPERIOR, MINN.-WIS.	10,200	12,000	11,000	------	------	------	------	9,600
DURHAM, N.C.	14,000	14,000	12,000	------	12,700	13,600	------	------
EL PASO, TEX.	11,500	11,000	12,500	------	------	------	------	------
ERIE, PA.	11,500	13,600	------	------	------	------	------	------
EUGENE, OREG.	11,700	7,500	------	------	------	12,000	------	9,700
EVANSVILLE, IND.-KY.	12,100	12,800	12,000	------	------	------	------	------
FALL RIVER, MASS.-R.I.	------	------	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN.	11,800	11,800	------	------	------	------	------	12,200
FAYETTEVILLE, N.C.	------	------	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS.	12,600	14,200	------	------	------	------	------	------
FLINT, MICH.	12,300	12,300	------	------	------	12,000	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA.	12,500	------	------	------	------	------	------	------
FORT SMITH, ARK.-OKLA.	10,900	------	------	------	------	------	------	------
FORT WAYNE, IND.	11,600	11,600	------	------	------	11,900	------	------
FORT WORTH, TEX.	12,500	11,200	13,200	13,800	14,400	12,000	12,000	------
FRESNO, CALIF.	11,600	11,400	10,500	------	------	------	------	11,800
GADSDEN, ALA.	------	------	------	------	------	------	------	------
GALVESTON-TEXAS CITY, TEX.	14,000	13,400	------	------	------	------	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	14,000	16,000	------	------	11,000	8,700	------	------
GRAND RAPIDS, MICH.	11,000	12,000	------	------	------	8,700	------	------
GREAT FALLS, MONT.	11,700	------	------	------	------	------	------	------
GREEN BAY, WIS.	10,300	11,000	------	------	------	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	12,000	13,800	------	------	------	11,700	------	------
GREENVILLE, S.C.	12,000	12,500	------	------	------	------	------	------
HAMILTON-MIDDLETOWN, OHIO	11,800	11,100	------	------	------	11,700	------	------
HARRISBURG, PA.	11,700	12,000	11,600	------	10,000	10,000	------	11,000
HARTFORD, CONN.	14,000	12,500	------	14,500	14,600	16,000	13,700	------

APPENDIX TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PYSCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS	13,000	13,200	14,900	15,000	12,000	12,000	12,700	11,500
STANDARD METROPOLITAN STATISTICAL AREAS	13,800	13,500	15,000	15,000	12,100	12,200	13,000	11,500
ABILENE, TEX.	------	------	------	------	------	------	------	------
AKRON, OHIO	10,900	12,000	------	15,000	11,300	------	------	------
ALBANY, GA.	------	------	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	13,900	13,600	------	14,000	------	16,700	------	------
ALBUQUERQUE, N.MEX.	14,800	13,700	------	------	------	------	------	------
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	10,000	11,200	------	------	------	------	------	------
ALTOONA, PA.	------	------	------	------	------	------	------	------
AMARILLO, TEX.	------	------	------	------	------	------	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	11,500	14,000	------	13,000	------	10,400	------	------
ANDERSON, IND.	------	------	------	------	------	------	------	------
ANN ARBOR, MICH.	15,000	15,000	------	14,000	13,000	14,400	------	------
ASHEVILLE, N.C.	------	------	------	------	------	------	------	------
ATLANTA, GA.	13,300	13,500	------	14,500	11,300	------	------	------
ATLANTIC CITY, N.J.	------	------	------	------	------	------	------	------
AUGUSTA, GA.-S.C.	15,500	------	------	------	------	------	------	------
AUSTIN, TEX.	13,500	13,000	------	14,000	------	11,000	------	------
BAKERSFIELD, CALIF.	12,000	------	------	------	------	------	------	------
BALTIMORE, MD.	15,000	14,000	17,000	11,600	12,000	10,000	------	------
BATON ROUGE, LA.	12,200	14,000	------	13,500	------	------	------	------
BAY CITY, MICH.	------	------	------	------	------	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	------	------	------	------	------	------	------	------
BILLINGS, MONT.	------	------	------	------	------	------	------	------
BILOXI-GULFPORT, MISS.	------	------	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA.	------	13,400	------	------	------	------	------	------
BIRMINGHAM, ALA.	17,000	------	------	------	------	------	------	------
BLOOMINGTON-NORMAL, ILL.	12,500	------	------	------	------	------	------	------
BOISE CITY, IDAHO	------	------	------	------	------	------	------	------
BOSTON, MASS.	13,500	13,000	15,500	15,000	13,000	12,500	13,500	11,800
BRIDGEPORT, CONN.	11,500	12,500	------	------	------	------	------	------
BROCKTON, MASS.	------	------	------	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	------	------	------	------	------	------	------	------
BUFFALO, N.Y.	15,000	13,500	------	14,000	12,100	------	------	------
CANTON, OHIO	------	------	------	------	------	------	------	------
CEDAR RAPIDS, IOWA	------	------	------	------	------	------	------	------
CHAMPAIGN-URBANA, ILL.	13,500	14,000	------	15,500	13,500	------	------	------
CHARLESTON, S.C.	16,000	------	------	------	------	------	------	------
CHARLESTON, W.VA.	------	------	------	------	------	------	------	------
CHARLOTTE, N.C.	------	12,000	------	------	------	------	------	------
CHATTANOOGA, TENN.-GA.	------	------	------	------	------	------	------	------
CHICAGO, ILL.	14,000	13,800	13,900	16,800	13,000	12,000	14,000	12,500
CINCINNATI, OHIO-KY.-IND.	15,000	11,800	------	15,000	------	------	------	------
CLEVELAND, OHIO	15,000	13,000	------	14,000	14,000	10,700	------	------
COLORADO SPRINGS, COLO.	------	------	------	------	------	------	------	------
COLUMBIA, S.C.	10,500	12,500	------	------	------	------	------	------
COLUMBUS, GA.-ALA.	------	------	------	------	------	------	------	------
COLUMBUS, OHIO	12,600	12,800	------	15,300	14,600	12,000	------	------
CORPUS CHRISTI, TEX.	------	------	------	------	------	------	------	------
DALLAS, TEX.	15,000	15,000	------	15,600	------	------	------	------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	------	------	------	------	------	------	------	------
DAYTON, OHIO	11,700	15,000	------	------	------	------	------	------
DECATUR, ILL.	------	------	------	------	------	------	------	------
DENVER, COLO.	13,000	12,500	------	14,900	12,000	11,800	------	------
DES MOINES, IOWA	13,000	12,300	------	------	------	------	------	------
DETROIT, MICH.	12,500	13,700	------	14,500	11,000	10,800	------	------
DUBUQUE, IOWA	------	------	------	------	------	------	------	------
DULUTH-SUPERIOR, MINN.-WIS.	10,500	------	------	------	------	------	------	------
DURHAM, N.C.	15,000	14,000	15,600	15,000	12,500	16,000	------	------
EL PASO, TEX.	------	------	------	------	------	------	------	------
ERIE, PA.	------	------	------	------	------	------	------	------
EUGENE, OREG.	11,000	14,000	------	------	------	------	------	------
EVANSVILLE, IND.-KY.	13,500	------	------	------	------	------	------	------
FALL RIVER, MASS.-R.I.	------	------	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN.	12,000	------	------	------	------	------	------	------
FAYETTEVILLE, N.C.	------	------	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS.	------	------	------	------	------	------	------	------
FLINT, MICH.	------	13,300	------	------	------	------	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA.	------	------	------	------	------	------	------	------
FORT SMITH, ARK.-OKLA.	------	------	------	------	------	------	------	------
FORT WAYNE, IND.	------	------	------	------	------	------	------	------
FORT WORTH, TEX.	10,200	12,000	------	------	------	------	------	------
FRESNO, CALIF.	11,400	12,700	------	------	------	------	------	------
GADSDEN, ALA.	------	------	------	------	------	------	------	------
GALVESTON-TEXAS CITY, TEX.	16,000	------	------	------	------	------	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	10,000	------	------	------	------	------	------	------
GRAND RAPIDS, MICH.	10,000	12,500	------	------	------	------	------	------
GREAT FALLS, MONT.	------	------	------	------	------	------	------	------
GREEN BAY, WIS.	------	------	------	------	------	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	12,000	12,100	------	------	------	------	------	------
GREENVILLE, S.C.	------	------	------	------	------	------	------	------
HAMILTON-MIDDLETOWN, OHIO	11,300	12,400	------	------	------	------	------	------
HARRISBURG, PA.	11,000	13,300	------	------	------	------	------	------
HARTFORD, CONN.	12,000	15,000	------	13,800	------	------	------	------

APPENDIX TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
HONOLULU, HAWAII	12,600	12,000	13,000	14,200	11,700	15,000	-------	12,100
HOUSTON, TEX.	13,900	13,700	14,400	12,900	13,000	13,500	13,000	10,000
HUNTINGTON-ASHLAND, W.VA.-KY-OHIO	10,800	11,000	-------	-------	-------	-------	-------	-------
HUNTSVILLE, ALA.	14,000	14,900	-------	-------	14,000	14,500	13,000	-------
INDIANAPOLIS, IND.	13,900	14,000	11,300	-------	11,600	11,400	-------	-------
JACKSON, MICH.	11,600	-------	-------	-------	-------	-------	-------	-------
JACKSON, MISS.	12,000	-------	12,100	-------	-------	-------	-------	-------
JACKSONVILLE, FLA.	11,100	12,600	-------	-------	-------	-------	-------	-------
JERSEY CITY, N.J.	13,100	13,400	-------	-------	12,000	11,900	-------	-------
JOHNSTOWN, PA.	9,500	-------	-------	-------	-------	-------	-------	-------
KALAMAZOO, MICH.	14,900	15,300	-------	-------	-------	-------	-------	-------
KANSAS CITY, MO.-KANS.	12,600	12,000	12,000	13,400	11,000	12,000	12,000	-------
KENOSHA, WIS.	10,000	-------	-------	-------	-------	-------	-------	-------
KNOXVILLE, TENN.	14,300	15,000	11,200	-------	15,400	12,000	-------	13,000
LAFAYETTE, LA.	12,000	-------	12,300	-------	-------	-------	-------	-------
LAFAYETTE-WEST LAFAYETTE, IND.	14,200	12,100	-------	-------	15,000	14,800	-------	14,400
LAKE CHARLES, LA.	11,300	11,500	-------	-------	-------	-------	-------	-------
LANCASTER, PA.	12,700	13,900	-------	-------	13,000	10,500	-------	-------
LANSING, MICH.	13,500	12,000	12,500	-------	13,000	11,000	-------	14,000
LAREDO, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
LAS VEGAS, NEV.	12,100	12,000	13,200	-------	13,600	-------	-------	-------
LAWRENCE-HAVERHILL, MASS.-N.H.	12,000	13,000	-------	-------	-------	-------	-------	-------
LAWTON, OKLA.	-------	-------	-------	-------	-------	-------	-------	-------
LEWISTON-AUBURN, MAINE	-------	-------	-------	-------	-------	-------	-------	-------
LEXINGTON, KY.	13,000	12,000	11,000	-------	12,100	12,000	-------	13,800
LIMA, OHIO	11,000	12,000	-------	-------	-------	-------	-------	-------
LINCOLN, NEBR.	12,000	10,000	11,600	-------	12,800	10,600	-------	12,800
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	13,000	12,000	-------	-------	-------	-------	-------	-------
LORAIN-ELYRIA, OHIO	12,000	12,900	-------	-------	-------	-------	-------	-------
LOS ANGELES-LONG BEACH, CALIF.	15,000	14,000	13,000	14,100	17,000	16,500	15,600	11,200
LOUISVILLE, KY.-IND.	12,000	12,500	-------	-------	-------	9,500	-------	-------
LOWELL, MASS.	13,900	14,600	-------	-------	15,300	-------	-------	-------
LUBBOCK, TEX.	12,600	11,100	-------	-------	-------	-------	-------	14,000
LYNCHBURG, VA.	12,000	12,300	-------	-------	12,500	-------	-------	-------
MACON, GA.	10,200	-------	-------	-------	-------	-------	-------	-------
MADISON, WIS.	13,000	10,300	13,300	12,400	12,500	12,900	-------	13,000
MANCHESTER, N.H.	9,100	-------	-------	-------	-------	-------	-------	-------
MANSFIELD, OHIO	11,000	-------	-------	-------	-------	-------	-------	-------
MAYAGUEZ, P.R.	10,800	-------	-------	-------	-------	-------	-------	-------
MCALLEN-PHARR-EDENBURG, TEX.	12,000	-------	-------	-------	-------	-------	-------	-------
MEMPHIS, TENN.-ARK.	12,500	11,500	-------	-------	-------	11,500	-------	-------
MERIDEN, CONN.	-------	-------	-------	-------	-------	-------	-------	-------
MIAMI, FLA.	12,600	10,400	13,000	13,300	12,000	11,500	-------	-------
MIDLAND, TEX.	13,000	-------	13,000	-------	-------	-------	-------	-------
MILWAUKEE, WIS.	12,400	12,000	11,500	-------	12,300	12,200	-------	12,700
MINNEAPOLIS-ST. PAUL, MINN.	13,800	14,000	12,000	13,400	13,000	14,000	13,500	12,800
MOBILE, ALA.	11,200	12,500	-------	-------	-------	-------	-------	-------
MONROE, LA.	11,000	13,000	-------	-------	-------	-------	-------	-------
MONTGOMERY, ALA.	12,000	-------	-------	-------	-------	-------	-------	-------
MUNCIE, IND.	11,100	-------	-------	-------	-------	-------	-------	-------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	12,000	13,000	-------	-------	-------	-------	-------	-------
NASHVILLE, TENN.	12,500	12,000	10,800	-------	12,000	12,000	-------	-------
NEW BEDFORD, MASS.	12,500	13,000	-------	-------	-------	-------	-------	-------
NEW BRITAIN, CONN.	10,800	-------	-------	-------	-------	-------	-------	-------
NEW HAVEN, CONN.	12,500	13,000	11,500	-------	11,000	10,400	-------	-------
NEW LONDON-GROTON-NORWICH, CONN.	13,800	14,700	-------	-------	13,000	-------	-------	-------
NEW ORLEANS, LA.	13,000	12,200	13,500	-------	11,500	13,000	-------	-------
NEW YORK, N.Y.	15,000	15,000	14,300	13,200	14,300	16,000	15,000	13,000
NEWARK, N.J.	15,000	14,800	10,800	-------	17,000	16,500	14,100	-------
NEWPORT NEWS-HAMPTON, VA.	13,000	13,500	-------	-------	13,000	14,000	-------	-------
NORFOLK-PORTSMOUTH, VA.	11,800	12,000	-------	-------	-------	10,800	-------	-------
NORWALK, CONN.	15,000	15,300	-------	-------	15,200	-------	-------	-------
ODESSA, TEX.	11,500	12,000	-------	-------	-------	-------	-------	-------
OGDEN, UTAH	11,900	12,000	-------	-------	-------	-------	-------	13,800
OKLAHOMA CITY, OKLA.	12,600	12,000	13,000	13,200	11,400	11,000	-------	-------
OMAHA, NEBR.-IOWA	12,200	10,800	-------	-------	-------	13,100	-------	-------
ORLANDO, FLA.	13,000	12,000	-------	-------	15,000	14,500	-------	-------
OXNARD-VENTURA, CALIF.	14,000	14,600	13,700	-------	17,400	14,400	-------	-------
PATERSON-CLIFTON-PASSAIC, N.J.	14,000	14,500	13,000	-------	13,000	14,000	16,000	-------
PENSACOLA, FLA.	12,700	13,500	-------	-------	-------	-------	-------	-------
PEORIA, ILL.	13,000	13,100	-------	-------	-------	-------	-------	-------
PHILADELPHIA, PA.-N.J.	14,000	13,800	11,600	-------	14,000	14,500	14,500	12,700
PHOENIX, ARIZ.	12,200	12,000	12,000	-------	13,500	13,300	16,000	12,000
PINE BLUFF, ARK.	-------	-------	-------	-------	-------	-------	-------	-------
PITTSBURGH, PA.	14,000	13,800	13,200	-------	15,300	13,000	12,200	-------
PITTSFIELD, MASS.	12,800	14,800	-------	-------	-------	-------	-------	-------
PONCE, P.R.	-------	-------	-------	-------	-------	-------	-------	-------
PORTLAND, MAINE	11,000	12,000	-------	-------	-------	-------	-------	-------
PORTLAND, OREG.-WASH.	12,400	12,000	13,300	-------	10,500	10,100	-------	12,400
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	12,000	12,300	-------	-------	13,000	10,300	-------	-------
PROVO-OREM, UTAH	11,400	12,400	-------	-------	-------	-------	-------	-------
PUEBLO, COLO.	11,000	-------	-------	-------	-------	-------	-------	-------
RACINE, WIS.	13,600	13,600	-------	-------	-------	-------	-------	-------
RALEIGH, N.C.	13,500	13,000	-------	-------	14,200	12,300	-------	12,600
READING, PA.	11,500	12,100	-------	-------	-------	-------	-------	-------
RENO, NEV.	12,500	12,000	12,900	-------	-------	-------	-------	12,600
RICHMOND, VA.	13,000	13,300	-------	-------	10,500	12,700	-------	-------
ROANOKE, VA.	11,200	-------	-------	-------	-------	-------	-------	-------

APPENDIX TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
HONOLULU, HAWAII	13,000	12,600	-------	14,200	-------	-------	-------	10,800
HOUSTON, TEX.	14,000	13,500	-------	15,000	-------	-------	-------	-------
HUNTINGTON-ASHLAND, W.VA.-KY-OHIO	-------	-------	-------	-------	-------	-------	-------	-------
HUNTSVILLE, ALA.	-------	-------	-------	-------	-------	-------	-------	-------
INDIANAPOLIS, IND.	15,000	13,000	-------	-------	-------	-------	-------	-------
JACKSON, MICH.	-------	-------	-------	-------	-------	-------	-------	-------
JACKSON, MISS.	13,900	-------	-------	-------	-------	-------	-------	-------
JACKSONVILLE, FLA.	9,300	-------	-------	-------	-------	-------	-------	-------
JERSEY CITY, N.J.	16,000	-------	-------	-------	-------	-------	-------	-------
JOHNSTOWN, PA.	-------	-------	-------	-------	-------	-------	-------	-------
KALAMAZOO, MICH.	16,400	12,000	-------	-------	-------	-------	-------	-------
KANSAS CITY, MO.-KANS.	14,000	14,000	-------	15,000	-------	-------	-------	-------
KENOSHA, WIS.	-------	-------	-------	-------	-------	-------	-------	-------
KNOXVILLE, TENN.	13,200	12,000	-------	14,400	-------	-------	-------	-------
LAFAYETTE, LA.	-------	-------	-------	-------	-------	-------	-------	-------
LAFAYETTE-WEST LAFAYETTE, IND.	14,500	14,000	-------	15,100	-------	-------	-------	-------
LAKE CHARLES, LA.	-------	-------	-------	-------	-------	-------	-------	-------
LANCASTER, PA.	11,200	12,600	-------	-------	-------	-------	-------	-------
LANSING, MICH.	13,600	14,400	-------	15,400	14,500	10,900	-------	-------
LAREDO, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
LAS VEGAS, NEV.	-------	-------	-------	-------	-------	-------	-------	-------
LAWRENCE-HAVERHILL, MASS.-N.H.	-------	-------	-------	-------	-------	-------	-------	-------
LAWTON, OKLA.	-------	-------	-------	-------	-------	-------	-------	-------
LEWISTON-AUBURN, MAINE	-------	-------	-------	-------	-------	-------	-------	-------
LEXINGTON, KY.	15,000	13,400	-------	13,400	-------	-------	-------	-------
LIMA, OHIO	-------	-------	-------	-------	-------	-------	-------	-------
LINCOLN, NEBR.	12,500	12,500	-------	14,300	-------	-------	-------	-------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	15,000	14,400	-------	-------	-------	-------	-------	-------
LORAIN-ELYRIA, OHIO	-------	-------	-------	-------	-------	-------	-------	-------
LOS ANGELES-LONG BEACH, CALIF.	14,000	14,500	16,000	15,200	12,000	12,000	12,400	12,500
LOUISVILLE, KY.-IND.	14,600	11,400	-------	-------	-------	-------	-------	-------
LOWELL, MASS.	-------	-------	-------	-------	-------	-------	-------	-------
LUBBOCK, TEX.	12,300	-------	-------	-------	-------	-------	-------	-------
LYNCHBURG, VA.	-------	-------	-------	-------	-------	-------	-------	-------
MACON, GA.	-------	-------	-------	-------	-------	-------	-------	-------
MADISON, WIS.	12,800	14,600	-------	15,500	13,000	14,000	-------	-------
MANCHESTER, N.H.	-------	-------	-------	-------	-------	-------	-------	-------
MANSFIELD, OHIO	-------	-------	-------	-------	-------	-------	-------	-------
MAYAGUEZ, P.R.	-------	-------	-------	-------	-------	-------	-------	-------
MCALLEN-PHARR-EDENBURG, TEX.	11,500	-------	-------	-------	-------	-------	-------	-------
MEMPHIS, TENN.-ARK.	15,000	12,500	-------	-------	-------	-------	-------	-------
MERIDEN, CONN.	-------	-------	-------	-------	-------	-------	-------	-------
MIAMI, FLA.	13,200	13,000	-------	-------	-------	-------	-------	-------
MIDLAND, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
MILWAUKEE, WIS.	12,600	13,000	-------	14,300	11,500	13,200	-------	-------
MINNEAPOLIS-ST. PAUL, MINN.	14,000	14,000	14,100	15,000	13,300	11,000	-------	-------
MOBILE, ALA.	-------	-------	-------	-------	-------	-------	-------	-------
MONROE, LA.	-------	-------	-------	-------	-------	-------	-------	-------
MONTGOMERY, ALA.	-------	-------	-------	-------	-------	-------	-------	-------
MUNCIE, IND.	-------	-------	-------	-------	-------	-------	-------	-------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	-------	-------	-------	-------	-------	-------	-------	-------
NASHVILLE, TENN.	13,500	13,500	-------	-------	-------	-------	-------	-------
NEW BEDFORD, MASS.	-------	-------	-------	-------	-------	-------	-------	-------
NEW BRITAIN, CONN.	-------	-------	-------	-------	-------	-------	-------	-------
NEW HAVEN, CONN.	14,000	12,000	-------	13,500	10,500	12,400	-------	-------
NEW LONDON-GROTON-NORWICH, CONN.	13,500	13,500	-------	-------	-------	-------	-------	-------
NEW ORLEANS, LA.	14,300	12,000	-------	13,700	-------	-------	-------	-------
NEW YORK, N.Y.	15,000	14,000	14,000	17,000	13,000	13,000	12,700	12,000
NEWARK, N.J.	15,000	13,000	16,000	15,000	10,000	10,200	-------	-------
NEWPORT NEWS-HAMPTON, VA.	-------	-------	-------	-------	-------	-------	-------	-------
NORFOLK-PORTSMOUTH, VA.	10,400	-------	-------	-------	-------	-------	-------	-------
NORWALK, CONN.	-------	-------	-------	-------	-------	-------	-------	-------
ODESSA, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
OGDEN, UTAH	10,500	-------	-------	-------	-------	-------	-------	-------
OKLAHOMA CITY, OKLA.	13,500	12,000	-------	-------	-------	-------	-------	-------
OMAHA, NEBR.-IOWA	14,600	12,500	-------	-------	-------	-------	-------	-------
ORLANDO, FLA.	11,900	-------	-------	-------	-------	-------	-------	-------
OXNARD-VENTURA, CALIF.	-------	14,000	-------	-------	-------	-------	-------	-------
PATERSON-CLIFTON-PASSAIC, N.J.	13,200	12,500	-------	-------	-------	-------	-------	-------
PENSACOLA, FLA.	-------	-------	-------	-------	-------	-------	-------	-------
PEORIA, ILL.	11,900	12,500	-------	-------	-------	-------	-------	-------
PHILADELPHIA, PA.-N.J.	15,000	13,000	14,800	14,000	11,200	10,100	10,600	11,600
PHOENIX, ARIZ.	10,900	12,300	-------	12,000	-------	-------	-------	-------
PINE BLUFF, ARK.	-------	-------	-------	-------	-------	-------	-------	-------
PITTSBURGH, PA.	14,000	13,600	15,000	15,000	13,500	14,000	-------	-------
PITTSFIELD, MASS.	-------	-------	-------	-------	-------	-------	-------	-------
PONCE, P.R.	-------	-------	-------	-------	-------	-------	-------	-------
PORTLAND, MAINE	-------	-------	-------	-------	-------	-------	-------	-------
PORTLAND, OREG.-WASH.	13,500	14,000	-------	13,100	-------	-------	-------	-------
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	12,500	12,800	-------	-------	-------	-------	-------	-------
PROVO-OREM, UTAH	11,800	11,000	-------	-------	-------	-------	-------	-------
PUEBLO, COLO.	-------	-------	-------	-------	-------	-------	-------	-------
RACINE, WIS.	-------	-------	-------	-------	-------	-------	-------	-------
RALEIGH, N.C.	14,000	12,200	-------	14,200	13,300	-------	-------	-------
READING, PA.	-------	-------	-------	-------	-------	-------	-------	-------
RENO, NEV.	11,400	-------	-------	-------	-------	-------	-------	-------
RICHMOND, VA.	13,900	10,500	-------	13,700	-------	-------	-------	-------
ROANOKE, VA.	-------	-------	-------	-------	-------	-------	-------	-------

APPENDIX TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
ROCHESTER, N.Y.	14,500	15,000	11,000	------	15,000	13,000	14,200	------
ROCKFORD, ILL.	11,700	12,000	------	------	------	------	------	------
SACRAMENTO, CALIF.	13,000	12,300	12,200	12,500	11,400	12,000	------	13,400
SAGINAW, MICH.	11,700	------	------	------	------	------	------	------
SALEM, OREGON	11,100	------	------	------	------	------	------	10,000
SALINAS-MONTEREY, CALIF.	14,000	15,000	------	14,000	14,000	14,500	------	------
ST. JOSEPH, MO.	10,000	------	------	------	------	------	------	------
ST. LOUIS, MO.-ILL.	14,000	14,800	11,000	13,000	12,900	12,900	12,500	------
SALT LAKE CITY, UTAH	13,000	12,900	12,600	14,000	14,000	12,500	------	11,600
SAN ANGELO, TEX.	10,000	------	------	------	------	------	------	------
SAN ANTONIO, TEX.	12,400	11,000	12,500	------	12,000	10,500	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	12,800	13,000	12,000	------	14,000	14,000	------	12,200
SAN DIEGO, CALIF.	13,000	12,500	12,000	------	14,500	13,900	14,400	------
SAN FRANCISCO-OAKLAND, CALIF.	14,000	14,400	14,000	13,000	15,300	14,000	13,700	12,900
SAN JOSE, CALIF.	15,000	14,500	14,700	15,000	16,400	15,800	14,400	------
SAN JUAN, P.R.	11,700	11,000	------	------	------	------	------	------
SANTA BARBARA, CALIF.	13,500	12,000	13,500	------	16,800	13,500	------	------
SAVANNAH, GA.	11,900	13,300	------	------	------	------	------	------
SCRANTON, PA.	10,000	------	------	------	------	------	------	------
SEATTLE-EVERETT, WASH.	13,000	12,000	12,000	13,000	14,200	14,000	12,800	12,000
SHERMAN-DENISON, TEX.	10,200	------	------	------	------	------	------	------
SHREVEPORT, LA.	12,400	12,000	12,700	------	------	------	------	------
SIOUX CITY, IOWA-NEB.	10,000	------	------	------	------	------	------	------
SIOUX FALLS, S. DAK.	10,500	------	------	------	------	------	------	------
SOUTH BEND, IND.	11,200	10,600	------	------	12,000	10,800	------	------
SPOKANE, WASH.	11,500	13,000	13,500	------	------	------	------	------
SPRINGFIELD, ILL.	13,000	------	------	------	------	------	------	------
SPRINGFIELD, MO.	11,300	11,300	------	------	------	------	------	------
SPRINGFIELD, OHIO	10,700	------	------	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	12,300	13,600	------	------	10,600	12,500	------	------
STAMFORD, CONN.	15,000	15,300	------	------	15,600	------	------	------
STEUBENVILLE-WEIRTON, OHIO-W. VA.	10,500	------	------	------	------	------	------	------
STOCKTON, CALIF.	11,500	11,200	------	------	------	------	------	------
SYRACUSE, N.Y.	13,000	13,100	11,500	------	13,500	13,200	------	13,100
TACOMA, WASH.	11,500	10,700	------	------	------	11,000	------	11,200
TALLAHASSEE, FLA.	11,500	8,200	11,300	------	11,000	11,200	------	------
TAMPA-ST. PETERSBURG, FLA.	12,700	12,400	------	------	14,600	13,000	------	------
TERRE HAUTE, IND.	12,000	12,200	------	------	------	------	------	------
TEXARKANA, TEX-ARK.	------	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH.	12,200	13,000	10,500	------	12,000	12,500	------	------
TOPEKA, KANS.	11,000	10,500	------	------	------	------	------	------
TRENTON, N.J.	15,000	15,000	13,000	------	16,000	14,000	16,000	------
TUCSON, ARIZ.	12,500	12,000	13,800	------	12,000	12,300	------	12,600
TULSA, OKLA.	13,400	13,500	14,000	------	------	14,300	------	------
TUSCALOOSA, ALA.	12,000	11,500	9,600	------	------	------	------	------
TYLER, TEX.	12,000	------	13,300	------	------	------	------	------
UTICA-ROME, N.Y.	11,500	10,500	------	------	13,700	------	------	------
VALLEJO-NAPA, CALIF.	12,000	12,500	------	------	------	------	------	------
VINELAND-MILLVILLE-BRIDGETON, N.J.	11,400	------	------	------	------	------	------	------
WACO, TEX.	11,700	11,700	------	------	------	------	------	------
WASHINGTON, D.C.-MD.-VA.	15,800	14,400	14,400	15,000	15,500	17,000	15,500	15,800
WATERBURY, CONN.	13,000	13,100	------	------	------	------	------	------
WATERLOO, IOWA	10,700	------	------	------	------	------	------	------
WEST PALM BEACH, FLA.	11,500	------	------	------	------	------	------	------
WHEELING, W. VA.-OHIO	9,500	10,200	------	------	------	------	------	------
WICHITA, KANS.	12,000	12,000	13,000	------	------	10,700	------	------
WICHITA FALLS, TEX.	11,800	------	12,000	------	------	------	------	------
WILKES-BARRE-HAZLETON, PA.	10,000	10,500	------	------	------	------	------	------
WILMINGTON, DEL.-N.J.-MD.	15,900	16,100	------	------	15,400	13,500	------	------
WILMINGTON, N.C.	11,200	------	------	------	------	------	------	------
WORCESTER, MASS.	12,600	12,200	------	------	11,500	13,500	------	------
YORK, PA.	10,800	12,200	------	------	------	------	------	------
YOUNGSTOWN-WARREN, OHIO	11,000	11,000	------	------	------	------	------	------
OTHER LOCATIONS	12,000	13,000	12,000	12,600	12,200	10,500	13,500	10,300

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1968--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
ROCHESTER, N.Y.	13,500	13,000	-------	15,900	-------	-------	-------	-------
ROCKFORD, ILL.	-------	-------	-------	-------	-------	-------	-------	-------
SACRAMENTO, CALIF.	13,900	13,200	-------	14,000	12,000	15,000	-------	-------
SAGINAW, MICH.	-------	-------	-------	-------	-------	-------	-------	-------
SALEM, OREGON	-------	14,300	-------	-------	-------	-------	-------	-------
SALINAS-MONTEREY, CALIF.	12,000	14,300	-------	-------	-------	-------	-------	-------
ST. JOSEPH, MO.	-------	-------	-------	-------	-------	-------	-------	-------
ST. LOUIS, MO.-ILL.	14,300	13,000	-------	14,900	13,000	12,500	-------	-------
SALT LAKE CITY, UTAH	13,700	13,000	-------	-------	-------	-------	-------	-------
SAN ANGELO, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
SAN ANTONIO, TEX.	15,000	14,000	-------	-------	-------	-------	-------	-------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	12,000	13,200	-------	-------	-------	-------	-------	-------
SAN DIEGO, CALIF.	12,000	13,400	-------	12,600	11,000	-------	-------	-------
SAN FRANCISCO-OAKLAND, CALIF.	14,000	13,800	13,200	16,000	13,000	13,000	13,000	10,500
SAN JOSE, CALIF.	14,200	14,600	13,200	14,300	11,500	12,400	-------	-------
SAN JUAN, P.R.	13,000	9,800	-------	-------	-------	-------	-------	-------
SANTA BARBARA, CALIF.	12,000	12,700	-------	-------	-------	-------	-------	-------
SAVANNAH, GA.	11,000	-------	-------	-------	-------	-------	-------	-------
SCRANTON, PA.	-------	-------	-------	-------	-------	-------	-------	-------
SEATTLE-EVERETT, WASH.	13,900	12,900	13,700	13,000	11,500	13,000	-------	-------
SHERMAN-DENISON, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
SHREVEPORT, LA.	-------	-------	-------	-------	-------	-------	-------	-------
SIOUX CITY, IOWA-NEB.	-------	-------	-------	-------	-------	-------	-------	-------
SIOUX FALLS, S. DAK.	-------	-------	-------	-------	-------	-------	-------	-------
SOUTH BEND, IND.	10,800	-------	-------	-------	-------	-------	-------	-------
SPOKANE, WASH.	10,800	12,000	-------	-------	-------	-------	-------	-------
SPRINGFIELD, ILL.	-------	-------	-------	-------	-------	-------	-------	-------
SPRINGFIELD, MO.	-------	-------	-------	-------	-------	-------	-------	-------
SPRINGFIELD, OHIO	-------	-------	-------	-------	-------	-------	-------	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	9,700	13,000	-------	-------	-------	-------	-------	-------
STAMFORD, CONN.	12,500	17,800	-------	-------	-------	-------	-------	-------
STEUBENVILLE-WEIRTON, OHIO-W. VA.	-------	-------	-------	-------	-------	-------	-------	-------
STOCKTON, CALIF.	10,400	13,000	-------	-------	-------	-------	-------	-------
SYRACUSE, N.Y.	15,000	12,500	-------	12,300	12,900	10,800	-------	-------
TACOMA, WASH.	11,500	12,700	-------	-------	-------	-------	-------	-------
TALLAHASSEE, FLA.	11,200	14,300	-------	-------	11,500	-------	-------	-------
TAMPA-ST. PETERSBURG, FLA.	12,200	12,500	-------	-------	-------	-------	-------	-------
TERRE HAUTE, IND.	12,700	-------	-------	-------	-------	-------	-------	-------
TEXARKANA, TEX-ARK.	-------	-------	-------	-------	-------	-------	-------	-------
TOLEDO, OHIO-MICH.	10,900	11,500	-------	13,000	-------	-------	-------	-------
TOPEKA, KANS.	10,200	15,300	-------	-------	-------	-------	-------	-------
TRENTON, N.J.	12,800	14,300	-------	16,500	-------	13,000	-------	-------
TUCSON, ARIZ.	12,600	11,700	-------	14,800	-------	-------	-------	-------
TULSA, OKLA.	-------	-------	-------	-------	-------	-------	-------	-------
TUSCALOOSA, ALA.	-------	12,500	-------	-------	-------	-------	-------	-------
TYLER, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
UTICA-ROME, N.Y.	11,000	12,000	-------	-------	-------	-------	-------	-------
VALLEJO-NAPA, CALIF.	-------	13,000	-------	-------	-------	-------	-------	-------
VINELAND-MILLVILLE-BRIDGETON, N.J.	-------	-------	-------	-------	-------	-------	-------	-------
WACO, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
WASHINGTON, D.C.-MD.-VA.	15,300	16,200	17,000	18,000	15,000	16,000	15,600	12,000
WATERBURY, CONN.	-------	-------	-------	-------	-------	-------	-------	-------
WATERLOO, IOWA	-------	-------	-------	-------	-------	-------	-------	-------
WEST PALM BEACH, FLA.	10,500	-------	-------	-------	-------	-------	-------	-------
WHEELING, W. VA.-OHIO	-------	-------	-------	-------	-------	-------	-------	-------
WICHITA, KANS.	8,900	13,200	-------	-------	-------	-------	-------	-------
WICHITA FALLS, TEX.	-------	-------	-------	-------	-------	-------	-------	-------
WILKES-BARRE-HAZLETON, PA.	-------	-------	-------	-------	-------	-------	-------	-------
WILMINGTON, DEL.-N.J.-MD.	14,500	13,000	-------	-------	-------	-------	-------	-------
WILMINGTON, N.C.	-------	-------	-------	-------	-------	-------	-------	-------
WORCESTER, MASS.	12,800	14,500	-------	-------	-------	-------	-------	-------
YORK, PA.	-------	-------	-------	-------	-------	-------	-------	-------
YOUNGSTOWN-WARREN, OHIO	-------	-------	-------	-------	-------	-------	-------	-------
OTHER LOCATIONS	12,000	12,200	14,100	13,500	11,200	11,000	12,000	11,000

APPENDIX TABLE A-34. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1968

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	13,200	15,000	20,000	12,000	12,000	14,000	12,400
STANDARD METROPOLITAN STATISTICAL AREAS	13,800	15,000	20,000	12,300	12,500	14,000	12,600
ABILENE, TEX.	10,000	11,000	-------	9,000	10,000	-------	-------
AKRON, OHIO	13,000	14,700	-------	12,100	11,800	-------	-------
ALBANY, GA.	10,000	-------	-------	-------	-------	-------	-------
ALBANY-SCHENECTADY-TROY, N.Y.	14,200	16,000	21,700	12,400	12,000	-------	-------
ALBUQUERQUE, N.MEX.	14,700	15,800	20,000	13,000	13,800	-------	-------
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	12,800	14,000	-------	11,000	12,600	-------	-------
ALTOONA, PA.	9,800	-------	-------	-------	-------	-------	-------
AMARILLO, TEX.	12,000	13,500	-------	10,500	12,000	-------	-------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	15,000	16,800	-------	13,500	14,000	-------	-------
ANDERSON, IND.	-------	-------	-------	-------	-------	-------	-------
ANN ARBOR, MICH.	13,600	15,000	21,600	10,700	10,800	-------	-------
ASHEVILLE, N.C.	11,800	14,400	-------	11,400	11,600	-------	-------
ATLANTA, GA.	13,000	14,000	20,000	12,000	12,200	-------	-------
ATLANTIC CITY, N.J.	11,800	-------	-------	-------	11,900	-------	-------
AUGUSTA, GA.-S.C.	14,000	15,600	-------	11,200	12,000	-------	-------
AUSTIN, TEX.	13,000	14,500	-------	10,900	11,200	-------	-------
BAKERSFIELD, CALIF.	13,400	16,200	-------	12,600	13,200	-------	-------
BALTIMORE, MD.	13,600	15,000	20,000	12,300	12,500	-------	-------
BATON ROUGE, LA.	13,600	14,800	-------	12,000	12,300	-------	-------
BAY CITY, MICH.	9,900	-------	-------	9,000	-------	-------	-------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	12,400	14,600	-------	11,600	12,000	-------	-------
BILLINGS, MONT.	11,900	-------	-------	11,400	12,000	-------	-------
BILOXI-GULFPORT, MISS.	10,900	-------	-------	-------	-------	-------	-------
BINGHAMTON, N.Y.-PA.	14,000	15,400	-------	13,500	12,200	-------	-------
BIRMINGHAM, ALA.	13,500	15,500	25,000	9,500	10,900	-------	-------
BLOOMINGTON-NORMAL, ILL.	12,500	14,000	-------	10,400	-------	-------	-------
BOISE CITY, IDAHO	11,300	-------	-------	11,000	10,800	-------	-------
BOSTON, MASS.	14,000	15,000	16,000	13,000	13,000	-------	13,400
BRIDGEPORT, CONN.	12,000	12,100	-------	11,500	12,000	-------	-------
BROCKTON, MASS.	11,100	13,800	-------	-------	-------	-------	-------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	11,300	-------	-------	-------	-------	-------	-------
BUFFALO, N.Y.	13,200	14,800	19,900	11,500	11,400	-------	-------
CANTON, OHIO	10,900	11,500	-------	9,900	11,200	-------	-------
CEDAR RAPIDS, IOWA	12,000	13,100	-------	10,400	12,000	-------	-------
CHAMPAIGN-URBANA, ILL.	13,000	14,000	-------	10,100	9,000	-------	-------
CHARLESTON, S.C.	13,800	14,800	-------	11,000	10,800	-------	-------
CHARLESTON, W.VA.	14,100	16,700	-------	13,000	12,400	-------	-------
CHARLOTTE, N.C.	12,800	13,800	-------	11,200	12,400	-------	-------
CHATTANOOGA, TENN.-GA.	11,800	14,100	-------	11,200	11,800	-------	-------
CHICAGO, ILL.	13,600	15,600	20,000	12,400	12,000	-------	12,200
CINCINNATI, OHIO-KY.-IND.	13,500	15,300	19,000	12,500	11,700	-------	-------
CLEVELAND, OHIO	13,500	15,100	19,000	12,000	11,600	-------	-------
COLORADO SPRINGS, COLO.	12,100	13,400	-------	11,400	14,000	-------	-------
COLUMBIA, S.C.	11,800	12,000	-------	10,000	11,000	-------	-------
COLUMBUS, GA.-ALA.	12,000	-------	-------	-------	-------	-------	-------
COLUMBUS, OHIO	13,000	14,500	18,000	11,100	11,000	-------	-------
CORPUS CHRISTI, TEX.	12,600	14,700	-------	12,000	12,500	-------	-------
DALLAS, TEX.	14,500	16,000	18,000	12,700	13,000	-------	-------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	12,000	14,400	-------	11,100	12,300	-------	-------
DAYTON, OHIO	13,800	15,000	-------	13,000	12,500	-------	-------
DECATUR, ILL.	14,300	16,000	-------	11,200	13,200	-------	-------
DENVER, COLO.	13,400	14,200	20,000	12,500	13,000	-------	-------
DES MOINES, IOWA	12,500	14,100	-------	12,000	12,000	-------	-------
DETROIT, MICH.	13,100	15,500	23,000	12,200	12,000	-------	13,500
DUBUQUE, IOWA	10,000	-------	-------	-------	-------	-------	-------
DULUTH-SUPERIOR, MINN.-WIS.	10,200	11,500	-------	9,800	9,700	-------	-------
DURHAM, N.C.	14,000	15,000	20,000	10,500	9,100	-------	-------
EL PASO, TEX.	11,500	12,500	-------	10,000	10,800	-------	-------
ERIE, PA.	11,500	12,900	-------	9,900	11,400	-------	-------
EUGENE, OREG.	11,700	14,000	-------	9,700	9,700	-------	-------
EVANSVILLE, IND.-KY.	12,100	17,000	-------	11,400	11,000	-------	-------
FALL RIVER, MASS.-R.I.	-------	-------	-------	-------	-------	-------	-------
FARGO-MOORHEAD, N.DAK.-MINN.	11,800	12,200	-------	10,200	-------	-------	-------
FAYETTEVILLE, N.C.	-------	-------	-------	-------	-------	-------	-------
FITCHBURG-LEOMINSTER, MASS.	12,600	-------	-------	-------	12,700	-------	-------
FLINT, MICH.	12,300	13,800	-------	12,200	10,700	-------	-------
FORT LAUDERDALE-HOLLYWOOD, FLA.	12,500	15,000	-------	10,300	-------	-------	-------
FORT SMITH, ARK.-OKLA.	10,900	-------	-------	-------	-------	-------	-------
FORT WAYNE, IND.	11,600	12,000	-------	10,400	12,600	-------	-------
FORT WORTH, TEX.	12,500	13,600	-------	11,600	12,600	-------	-------
FRESNO, CALIF.	11,600	12,100	-------	11,000	11,400	-------	-------
GADSDEN, ALA.	-------	-------	-------	-------	-------	-------	-------
GALVESTON-TEXAS CITY, TEX.	14,000	16,000	-------	11,800	11,900	-------	-------
GARY-HAMMOND-EAST CHICAGO, IND.	14,000	16,200	-------	11,700	12,700	-------	-------
GRAND RAPIDS, MICH.	11,000	11,000	-------	10,200	12,000	-------	-------
GREAT FALLS, MONT.	11,700	-------	-------	-------	12,300	-------	-------
GREEN BAY, WIS.	10,300	11,000	-------	-------	10,000	-------	-------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	12,000	12,800	-------	10,900	10,900	-------	-------
GREENVILLE, S.C.	12,000	13,300	-------	9,900	12,000	-------	-------
HAMILTON-MIDDLETOWN, OHIO	11,800	12,200	-------	10,100	11,000	-------	-------
HARRISBURG, PA.	11,700	13,300	-------	10,400	11,600	-------	-------
HARTFORD, CONN.	14,000	17,000	-------	13,400	13,000	-------	-------
HONOLULU, HAWAII	12,600	13,800	-------	11,400	11,700	-------	-------
HOUSTON, TEX.	13,900	15,400	20,000	13,000	13,200	-------	12,000
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	10,800	12,900	-------	9,000	10,500	-------	-------
HUNTSVILLE, ALA.	14,000	16,000	-------	13,500	13,700	-------	-------
INDIANAPOLIS, IND.	13,900	15,900	22,000	11,600	11,800	-------	-------
JACKSON, MICH.	11,500	-------	-------	11,000	11,800	-------	-------

APPENDIX TABLE A-34. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1968--CONTINUED

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
JACKSON, MISS.	12,000	13,000	-------	11,000	12,000	-------	-------
JACKSONVILLE, FLA.	11,100	11,500	-------	10,000	11,700	-------	-------
JERSEY CITY, N.J.	13,100	14,000	-------	12,500	12,000	-------	-------
JOHNSTOWN, PA.	9,500	-------	-------	9,300	-------	-------	-------
KALAMAZOO, MICH.	14,900	16,000	-------	12,000	12,500	-------	-------
KANSAS CITY, MO.-KANS.	12,600	15,000	18,000	11,200	11,300	-------	-------
KENOSHA, WIS.	10,000	-------	-------	-------	-------	-------	-------
KNOXVILLE, TENN.	14,300	15,300	-------	12,000	13,000	-------	-------
LAFAYETTE, LA.	12,000	11,400	-------	11,300	12,500	-------	-------
LAFAYETTE-WEST LAFAYETTE, IND.	14,200	15,000	-------	10,300	8,100	-------	-------
LAKE CHARLES, LA.	11,300	-------	-------	9,900	11,300	-------	-------
LANCASTER, PA.	12,700	14,200	-------	11,500	12,500	-------	-------
LANSING, MICH.	13,500	14,700	-------	10,300	11,200	-------	-------
LAREDO, TEX.	-------	-------	-------	-------	-------	-------	-------
LAS VEGAS, NEV.	12,100	12,400	-------	11,300	12,600	-------	-------
LAWRENCE-HAVERHILL, MASS.-N.H.	12,000	-------	-------	10,100	13,000	-------	-------
LAWTON, OKLA.	-------	-------	-------	-------	-------	-------	-------
LEWISTON-AUBURN, MAINE	-------	-------	-------	-------	-------	-------	-------
LEXINGTON, KY.	13,000	14,000	21,000	10,500	11,200	-------	-------
LIMA, OHIO	11,000	-------	-------	-------	-------	-------	-------
LINCOLN, NEBR.	12,000	13,000	-------	10,000	10,000	-------	-------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	13,000	15,600	-------	11,300	10,500	-------	-------
LORAIN-ELYRIA, OHIO	12,000	13,400	-------	11,000	12,000	-------	-------
LOS ANGELES-LONG BEACH, CALIF.	15,000	16,300	21,000	13,800	14,000	-------	14,500
LOUISVILLE, KY.-IND.	12,000	14,200	-------	11,000	10,500	-------	-------
LOWELL, MASS.	13,900	15,400	-------	12,500	12,100	-------	-------
LUBBOCK, TEX.	12,600	13,800	-------	11,000	-------	-------	-------
LYNCHBURG, VA.	12,000	12,000	-------	10,000	12,300	-------	-------
MACON, GA.	10,200	-------	-------	8,900	11,000	-------	-------
MADISON, WIS.	13,000	14,200	16,000	10,000	8,300	-------	-------
MANCHESTER, N.H.	9,100	-------	-------	-------	-------	-------	-------
MANSFIELD, OHIO	11,000	-------	-------	-------	-------	-------	-------
MAYAGUEZ, P.R.	10,800	13,000	-------	8,000	-------	-------	-------
MCALLEN-PHARR-EDENBURG, TEX.	12,000	14,200	-------	10,100	-------	-------	-------
MEMPHIS, TENN.-ARK.	12,500	14,000	22,500	10,000	10,800	-------	-------
MERIDEN, CONN.	-------	-------	-------	-------	-------	-------	-------
MIAMI, FLA.	12,600	14,000	22,000	11,000	12,200	-------	-------
MIDLAND, TEX.	13,000	-------	-------	12,600	13,200	-------	-------
MILWAUKEE, WIS.	12,400	14,100	22,000	11,700	11,100	-------	-------
MINNEAPOLIS-ST. PAUL, MINN.	13,800	15,000	20,800	12,400	12,500	-------	11,800
MOBILE, ALA.	11,200	11,000	-------	10,100	13,300	-------	-------
MONROE, LA.	11,000	11,200	-------	9,600	-------	-------	-------
MONTGOMERY, ALA.	12,000	14,000	-------	10,000	10,800	-------	-------
MUNCIE, IND.	11,100	13,000	-------	9,300	-------	-------	-------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	12,000	-------	-------	-------	12,000	-------	-------
NASHVILLE, TENN.	12,500	13,500	20,000	10,100	10,600	-------	-------
NEW BEDFORD, MASS.	12,500	-------	-------	-------	-------	-------	-------
NEW BRITAIN, CONN.	10,800	13,000	-------	10,400	-------	-------	-------
NEW HAVEN, CONN.	12,500	13,400	20,000	10,400	12,000	-------	-------
NEW LONDON-GROTON-NORWICH, CONN.	13,800	15,500	-------	12,500	12,400	-------	-------
NEW ORLEANS, LA.	13,000	13,500	21,500	12,400	13,000	-------	-------
NEW YORK, N.Y.	15,000	16,000	21,000	13,100	14,000	-------	14,400
NEWARK, N.J.	15,000	17,000	24,000	13,000	12,800	-------	14,000
NEWPORT NEWS-HAMPTON, VA.	13,000	14,000	-------	13,000	12,600	-------	-------
NORFOLK-PORTSMOUTH, VA.	11,800	12,100	-------	10,000	11,900	-------	-------
NORWALK, CONN.	15,000	18,000	-------	14,100	14,300	-------	-------
ODESSA, TEX.	11,500	-------	-------	-------	11,500	-------	-------
OGDEN, UTAH	11,900	11,800	-------	10,000	12,700	-------	-------
OKLAHOMA CITY, OKLA.	12,600	13,500	21,000	11,000	12,800	-------	-------
OMAHA, NEBR.-IOWA	12,200	14,000	-------	10,900	12,000	-------	-------
ORLANDO, FLA.	13,000	15,000	-------	13,200	12,300	-------	-------
OXNARD-VENTURA, CALIF.	14,000	17,200	-------	12,000	13,300	-------	-------
PATERSON-CLIFTON-PASSAIC, N.J.	14,000	16,000	-------	13,000	13,000	-------	-------
PENSACOLA, FLA.	12,700	15,200	-------	11,300	11,600	-------	-------
PEORIA, ILL.	13,000	14,800	-------	12,000	12,200	-------	-------
PHILADELPHIA, PA.-N.J.	14,000	15,100	20,000	12,200	12,500	-------	11,800
PHOENIX, ARIZ.	12,200	13,400	-------	11,000	12,200	-------	-------
PINE BLUFF, ARK.	-------	-------	-------	-------	-------	-------	-------
PITTSBURGH, PA.	14,000	15,500	21,300	12,500	12,200	-------	12,900
PITTSFIELD, MASS.	12,800	-------	-------	12,600	10,600	-------	-------
PONCE, P.R.	-------	-------	-------	-------	-------	-------	-------
PORTLAND, MAINE	11,000	-------	-------	10,000	11,800	-------	-------
PORTLAND, OREG.-WASH.	12,400	13,800	20,000	11,900	12,000	-------	-------
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	12,000	14,000	-------	9,500	11,000	-------	-------
PROVO-OREM, UTAH	11,400	12,000	-------	9,200	-------	-------	-------
PUEBLO, COLO.	11,000	-------	-------	10,200	-------	-------	-------
RACINE, WIS.	13,600	16,000	-------	11,600	11,600	-------	-------
RALEIGH, N.C.	13,500	14,500	-------	10,300	11,400	-------	-------
READING, PA.	11,500	13,500	-------	10,200	10,500	-------	-------
RENO, NEV.	12,500	13,200	-------	11,000	11,000	-------	-------
RICHMOND, VA.	13,000	14,500	19,500	12,000	11,500	-------	-------
ROANOKE, VA.	11,200	13,000	-------	9,600	12,000	-------	-------
ROCHESTER, N.Y.	14,500	16,500	19,000	12,500	13,000	-------	-------
ROCKFORD, ILL.	11,700	-------	-------	10,000	10,300	-------	-------
SACRAMENTO, CALIF.	13,000	14,500	-------	12,000	12,000	-------	-------
SAGINAW, MICH.	11,700	-------	-------	-------	-------	-------	-------
SALEM, OREGON	11,100	13,600	-------	9,900	10,100	-------	-------
SALINAS-MONTEREY, CALIF.	14,000	14,500	-------	13,000	12,000	-------	-------
ST. JOSEPH, MO.	10,000	-------	-------	-------	-------	-------	-------
ST. LOUIS, MO.-ILL.	14,000	15,200	20,000	12,400	12,000	-------	-------

APPENDIX TABLE A-34. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1968--CONTINUED

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
SALT LAKE CITY, UTAH	13,000	13,700	20,000	11,600	12,000	-------	-------
SAN ANGELO, TEX.	10,000	-------	-------	-------	-------	-------	-------
SAN ANTONIO, TEX.	12,400	14,500	-------	11,000	11,500	-------	-------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	12,800	14,380	-------	12,000	11,500	-------	-------
SAN DIEGO, CALIF.	13,000	14,500	16,000	12,200	12,200	-------	-------
SAN FRANCISCO-OAKLAND, CALIF.	14,000	15,600	19,600	13,000	13,000	-------	12,100
SAN JOSE, CALIF.	15,000	16,200	21,000	13,800	13,600	-------	-------
SAN JUAN, P.R.	11,700	12,600	-------	8,500	11,000	-------	-------
SANTA BARBARA, CALIF.	13,500	14,000	-------	13,000	13,500	-------	-------
SAVANNAH, GA.	11,900	13,000	-------	11,300	11,600	-------	-------
SCRANTON, PA.	10,000	-------	-------	8,900	-------	-------	-------
SEATTLE-EVERETT, WASH.	13,000	14,300	19,000	12,000	12,000	-------	-------
SHERMAN-DENISON, TEX.	10,200	-------	-------	-------	-------	-------	-------
SHREVEPORT, LA.	12,400	-------	-------	11,600	13,000	-------	-------
SIOUX CITY, IOWA-NEB.	10,000	-------	-------	-------	-------	-------	-------
SIOUX FALLS, S. DAK.	10,500	-------	-------	-------	-------	-------	-------
SOUTH BEND, IND.	11,200	12,000	-------	8,900	10,200	-------	-------
SPOKANE, WASH.	11,500	12,600	-------	10,000	11,500	-------	-------
SPRINGFIELD, ILL.	13,000	-------	-------	12,400	12,000	-------	-------
SPRINGFIELD, MO.	11,300	12,300	-------	9,000	-------	-------	-------
SPRINGFIELD, OHIO	10,700	11,200	-------	-------	-------	-------	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	12,300	13,600	-------	10,800	12,200	-------	-------
STAMFORD, CONN.	15,000	17,400	-------	13,000	12,000	-------	-------
STEUBENVILLE-WEIRTON, OHIO-W. VA.	10,500	-------	-------	-------	-------	-------	-------
STOCKTON, CALIF.	11,500	12,000	-------	11,000	11,000	-------	-------
SYRACUSE, N.Y.	13,000	14,400	23,000	11,500	12,000	-------	-------
TACOMA, WASH.	11,500	12,500	-------	11,000	10,500	-------	-------
TALLAHASSEE, FLA.	11,500	13,000	-------	9,500	8,300	-------	-------
TAMPA-ST. PETERSBURG, FLA.	12,700	14,000	-------	10,500	12,000	-------	-------
TERRE HAUTE, IND.	12,000	13,000	-------	10,000	11,900	-------	-------
TEXARKANA, TEX-ARK.	-------	-------	-------	-------	-------	-------	-------
TOLEDO, OHIO-MICH.	12,200	13,500	-------	11,500	11,400	-------	-------
TOPEKA, KANS.	11,000	15,000	-------	9,000	10,500	-------	-------
TRENTON, N.J.	15,000	16,000	-------	13,200	12,600	-------	-------
TUCSON, ARIZ.	12,500	13,200	-------	10,500	11,400	-------	-------
TULSA, OKLA.	13,400	15,000	-------	13,500	12,700	-------	-------
TUSCALOOSA, ALA.	12,000	13,000	-------	9,000	11,000	-------	-------
TYLER, TEX.	12,000	-------	-------	-------	12,800	-------	-------
UTICA-ROME, N.Y.	11,500	14,400	-------	10,700	11,500	-------	-------
VALLEJO-NAPA, CALIF.	12,000	13,000	-------	12,000	11,600	-------	-------
VINELAND-MILLVILLE-BRIDGETON, N.J.	11,400	-------	-------	-------	-------	-------	-------
WACO, TEX.	11,700	12,000	-------	10,900	-------	-------	-------
WASHINGTON, D.C.-MD.-VA.	15,800	17,200	20,000	15,000	14,100	-------	13,500
WATERBURY, CONN.	13,000	15,000	-------	11,600	12,000	-------	-------
WATERLOO, IOWA	10,700	14,000	-------	10,000	-------	-------	-------
WEST PALM BEACH, FLA.	11,500	12,500	-------	9,700	12,000	-------	-------
WHEELING, W. VA.-OHIO	9,500	-------	-------	8,300	10,200	-------	-------
WICHITA, KANS.	12,000	13,500	-------	10,100	12,000	-------	-------
WICHITA FALLS, TEX.	11,800	-------	-------	-------	12,000	-------	-------
WILKES-BARRE-HAZLETON, PA.	10,000	12,000	-------	9,300	-------	-------	-------
WILMINGTON, DEL.-N.J.-MD.	15,900	16,800	-------	14,000	13,800	-------	-------
WILMINGTON, N.C.	11,200	-------	-------	-------	-------	-------	-------
WORCESTER, MASS.	12,600	13,500	-------	10,700	12,600	-------	-------
YORK, PA.	10,800	12,000	-------	9,000	12,100	-------	-------
YOUNGSTOWN-WARREN, OHIO	11,000	11,200	-------	10,500	11,000	-------	-------
OTHER LOCATIONS	12,000	14,000	19,000	10,300	10,800	14,600	11,200

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-35. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1968

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL LOCATIONS	13,200	11,000	13,500	13,500	11,200	14,700	14,700	18,000	12,600	14,000
STANDARD METROPOLITAN STATISTICAL AREAS	13,800	11,100	13,700	14,100	12,000	15,000	15,000	20,000	13,000	14,200
ABILENE, TEX.	10,000	9,000	------	------	------	------	10,500	------	------	------
AKRON, OHIO	13,000	11,300	13,500	------	------	------	13,500	------	------	------
ALBANY, GA.	10,000	------	------	------	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	14,200	11,500	13,500	13,300	13,600	------	16,000	------	------	------
ALBUQUERQUE, N.MEX.	14,700	11,500	14,400	13,200	------	16,000	16,000	------	------	------
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	12,800	10,700	11,100	------	------	------	14,900	------	------	------
ALTOONA, PA.	9,800	------	------	------	------	------	------	------	------	------
AMARILLO, TEX.	12,000	10,300	------	12,200	------	------	12,600	------	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	15,000	10,600	12,000	------	12,400	------	16,500	20,000	------	------
ANDERSON, IND.	------	------	------	------	------	------	------	------	------	------
ANN ARBOR, MICH.	13,600	13,000	14,500	12,000	10,900	------	15,100	------	------	------
ASHEVILLE, N.C.	11,800	------	------	12,200	------	------	12,500	------	------	------
ATLANTA, GA.	13,000	11,500	15,000	13,500	12,600	------	13,500	------	------	------
ATLANTIC CITY, N.J.	11,800	------	------	------	------	------	------	------	------	------
AUGUSTA, GA.-S.C.	14,000	8,800	16,800	------	------	------	14,200	------	------	------
AUSTIN, TEX.	13,000	13,000	13,300	12,200	11,600	------	14,700	------	------	------
BAKERSFIELD, CALIF.	13,400	11,500	------	14,000	------	------	13,000	------	------	------
BALTIMORE, MD.	13,600	10,900	14,200	14,000	13,000	13,000	14,700	------	------	------
BATON ROUGE, LA.	13,600	11,800	13,400	11,900	------	------	15,100	------	------	------
BAY CITY, MICH.	9,900	9,000	------	------	------	------	------	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	12,400	11,100	------	------	------	------	12,800	------	------	------
BILLINGS, MONT.	11,900	9,800	------	12,600	------	------	13,000	------	------	------
BILOXI-GULFPORT, MISS.	10,900	------	------	12,200	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA.	14,000	12,000	12,000	------	------	------	14,600	------	------	------
BIRMINGHAM, ALA.	13,500	9,300	17,300	------	------	13,500	13,000	------	------	------
BLOOMINGTON-NORMAL, ILL.	12,500	10,600	16,700	------	------	------	15,800	------	------	------
BOISE CITY, IDAHO	11,300	------	------	12,000	10,300	------	------	------	------	------
BOSTON, MASS.	14,000	11,500	12,300	14,900	12,200	15,000	15,600	20,000	14,700	13,200
BRIDGEPORT, CONN.	12,000	10,500	------	------	------	------	13,800	------	------	------
BROCKTON, MASS.	11,100	11,000	------	------	------	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	11,300	------	------	------	------	------	------	------	------	------
BUFFALO, N.Y.	13,200	11,300	14,500	13,000	15,000	15,000	13,600	------	------	------
CANTON, OHIO	10,900	9,200	------	------	------	------	12,000	------	------	------
CEDAR RAPIDS, IOWA	12,000	10,500	------	------	------	------	13,500	------	------	------
CHAMPAIGN-URBANA, ILL.	13,000	13,500	13,100	12,800	14,000	------	------	------	------	------
CHARLESTON, S.C.	13,800	10,500	17,200	12,200	------	------	14,000	------	------	------
CHARLESTON, W.VA.	14,100	------	------	------	9,000	------	14,600	------	------	------
CHARLOTTE, N.C.	12,800	10,000	------	------	------	------	14,500	------	------	------
CHATTANOOGA, TENN.-GA.	11,800	------	------	12,000	------	------	13,400	------	------	------
CHICAGO, ILL.	13,600	11,500	13,000	13,500	12,600	15,000	14,000	20,000	13,700	15,500
CINCINNATI, OHIO-KY.-IND.	13,500	10,300	13,500	13,500	------	12,500	14,300	------	------	------
CLEVELAND, OHIO	13,500	10,700	13,600	14,400	13,100	15,000	14,000	20,000	------	------
COLORADO SPRINGS, COLO.	12,100	10,700	10,800	14,900	------	------	15,600	------	------	------
COLUMBIA, S.C.	11,800	11,000	14,000	12,600	11,000	------	------	------	------	------
COLUMBUS, GA.-ALA.	12,000	------	------	------	------	------	------	------	------	------
COLUMBUS, OHIO	13,000	12,000	14,000	12,200	10,000	14,000	14,100	15,000	------	------
CORPUS CHRISTI, TEX.	12,600	------	------	------	------	------	13,000	14,000	------	------
DALLAS, TEX.	14,500	11,200	15,800	12,200	11,000	12,900	15,000	20,000	------	------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	12,000	9,800	------	13,500	------	------	14,400	------	------	------
DAYTON, OHIO	13,800	11,000	14,000	15,300	------	13,700	13,800	------	------	------
DECATUR, ILL.	14,300	------	------	------	------	------	14,500	------	------	------
DENVER, COLO.	13,400	11,000	13,300	14,000	11,900	12,000	14,000	15,000	------	------
DES MOINES, IOWA	12,500	10,800	------	------	12,000	------	15,000	------	------	------
DETROIT, MICH.	13,100	11,000	14,500	12,200	11,100	14,000	14,300	18,000	------	------
DUBUQUE, IOWA	10,000	------	------	------	------	------	------	------	------	------
DULUTH-SUPERIOR, MINN.-WIS.	10,200	10,000	------	10,000	------	------	11,900	------	------	------
DURHAM, N.C.	14,000	13,200	14,500	14,400	------	14,700	16,100	------	------	------
EL PASO, TEX.	11,500	10,500	------	------	------	------	12,600	------	------	------
ERIE, PA.	11,500	10,000	------	------	------	------	14,000	------	------	------
EUGENE, OREG.	11,700	12,900	11,000	9,700	------	------	12,000	------	------	------
EVANSVILLE, IND.-KY.	12,100	9,600	------	------	------	------	14,000	------	------	------
FALL RIVER, MASS.-R.I.	------	------	------	------	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN.	11,800	10,500	12,600	12,300	------	------	------	------	------	------
FAYETTEVILLE, N.C.	------	------	------	------	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS.	12,600	------	------	------	------	------	------	------	------	------
FLINT, MICH.	12,300	11,000	13,000	------	------	------	14,500	------	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA.	12,500	11,000	------	------	------	------	14,000	------	------	------
FORT SMITH, ARK.-OKLA.	10,900	------	------	------	------	------	------	------	------	------
FORT WAYNE, IND.	11,600	10,200	------	------	------	------	------	------	------	------
FORT WORTH, TEX.	12,500	10,800	12,100	12,600	------	------	13,500	------	------	------
FRESNO, CALIF.	11,600	11,200	12,000	11,500	11,500	------	13,700	------	------	------
GADSDEN, ALA.	------	------	------	------	------	------	12,000	------	------	------
GALVESTON-TEXAS CITY, TEX.	14,000	------	16,000	------	------	------	------	------	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	14,000	10,000	14,000	------	------	------	13,600	------	------	------
GRAND RAPIDS, MICH.	11,000	10,000	12,000	------	------	------	16,000	------	------	------
GREAT FALLS, MONT.	11,700	------	------	------	------	------	13,400	------	------	------
GREEN BAY, WIS.	10,300	10,000	------	------	------	------	------	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	12,000	10,800	12,000	------	------	------	13,900	------	------	------
GREENVILLE, S.C.	12,000	9,500	------	------	------	------	13,000	------	------	------
HAMILTON-MIDDLETOWN, OHIO	11,800	11,000	------	------	------	------	12,000	------	------	------
HARRISBURG, PA.	11,700	9,000	12,500	12,000	11,000	------	13,900	------	------	------
HARTFORD, CONN.	14,000	10,000	14,000	------	13,000	16,000	15,000	------	------	------
HONOLULU, HAWAII	12,600	11,500	13,000	12,600	13,000	12,000	15,000	------	------	------
HOUSTON, TEX.	13,900	12,000	15,000	13,500	11,100	12,600	14,000	19,500	------	------

APPENDIX TABLE A-35. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1968--CONTINUED

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED										
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	10,800	10,600	------	------	------	------	11,300	------	------	------
HUNTSVILLE, ALA.	14,000	------	12,900	14,900	------	------	13,700	------	------	------
INDIANAPOLIS, IND.	13,900	9,200	14,600	12,600	10,400	------	14,800	------	------	------
JACKSON, MICH.	11,600	------	------	------	------	------	13,100	------	------	------
JACKSON, MISS.	12,000	8,500	15,700	12,200	9,000	------	13,200	------	------	------
JACKSONVILLE, FLA.	11,100	8,400	------	------	------	------	14,000	------	------	------
JERSEY CITY, N.J.	13,100	11,100	15,000	------	------	------	13,800	------	------	------
JOHNSTOWN, PA.	9,500	8,900	------	------	------	------	------	------	------	------
KALAMAZOO, MICH.	14,900	11,200	17,300	------	------	------	16,000	------	------	------
KANSAS CITY, MO.-KANS.	12,600	10,000	14,000	13,400	11,100	13,700	12,600	------	------	------
KENOSHA, WIS.	10,000	------	------	------	------	------	------	------	------	------
KNOXVILLE, TENN.	14,300	11,200	13,000	14,000	10,000	------	15,300	------	14,400	------
LAFAYETTE, LA.	12,000	9,200	12,200	------	------	------	12,100	------	------	------
LAFAYETTE-WEST LAFAYETTE, IND.	14,200	12,700	15,000	------	------	------	14,600	------	------	------
LAKE CHARLES, LA.	11,300	9,200	------	------	------	------	11,700	------	------	------
LANCASTER, PA.	12,700	10,500	------	------	------	------	14,200	------	------	------
LANSING, MICH.	13,500	11,900	15,200	13,000	12,800	------	12,100	------	------	------
LAREDO, TEX.	------	------	------	------	------	------	------	------	------	------
LAS VEGAS, NEV.	12,100	10,600	------	12,700	------	------	14,200	------	------	------
LAWRENCE-HAVERHILL, MASS.-N.H.	12,000	9,600	------	------	------	------	14,000	------	------	------
LAWTON, OKLA.	------	------	------	------	------	------	------	------	------	------
LEWISTON-AUBURN, MAINE	------	------	------	------	------	------	------	------	------	------
LEXINGTON, KY.	13,000	11,500	15,000	13,500	------	------	13,000	------	------	------
LIMA, OHIO	11,000	------	------	------	------	------	12,300	------	------	------
LINCOLN, NEBR.	12,000	11,000	13,000	13,900	9,000	------	13,500	------	------	------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	13,000	------	16,500	14,400	10,000	------	12,300	------	------	------
LORAIN-ELYRIA, OHIO	12,000	11,500	------	------	------	------	13,200	------	------	------
LOS ANGELES-LONG BEACH, CALIF.	15,000	12,000	14,000	14,100	12,200	17,800	16,200	20,600	15,000	16,300
LOUISVILLE, KY.-IND.	12,000	9,500	14,500	11,900	------	------	13,000	------	------	------
LOWELL, MASS.	13,900	11,000	------	------	------	------	15,700	------	------	------
LUBBOCK, TEX.	12,600	12,000	16,000	------	------	------	------	------	------	------
LYNCHBURG, VA.	12,000	10,000	------	------	------	------	13,500	------	------	------
MACON, GA.	10,200	------	------	11,300	------	------	------	------	------	------
MADISON, WIS.	13,000	13,000	13,500	13,000	11,500	13,200	13,300	------	------	------
MANCHESTER, N.H.	9,100	------	------	------	------	------	------	------	------	------
MANSFIELD, OHIO	11,000	------	------	------	------	------	------	------	------	------
MAYAGUEZ, P.R.	10,800	------	10,700	------	------	------	------	------	------	------
MCALLEN-PHARR-EDENBURG, TEX.	12,000	------	------	13,000	------	------	------	------	------	------
MEMPHIS, TENN.-ARK.	12,500	11,000	14,000	13,600	------	13,500	12,500	------	------	------
MERIDEN, CONN.	------	------	------	------	------	------	------	------	------	------
MIAMI, FLA.	12,600	10,100	13,000	13,400	------	------	14,600	20,000	------	------
MIDLAND, TEX.	13,000	------	------	------	------	------	13,000	15,000	------	------
MILWAUKEE, WIS.	12,400	11,300	14,200	13,500	10,500	13,500	13,000	------	------	------
MINNEAPOLIS-ST. PAUL, MINN.	13,800	12,000	14,000	13,000	12,000	14,000	14,500	23,000	------	------
MOBILE, ALA.	11,200	9,800	------	------	------	------	14,000	------	------	------
MONROE, LA.	11,000	10,600	------	------	------	------	12,300	------	------	------
MONTGOMERY, ALA.	12,000	------	------	------	------	------	------	------	------	------
MUNCIE, IND.	11,100	10,600	------	------	------	------	------	------	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	12,000	------	------	------	------	------	13,000	------	------	------
NASHVILLE, TENN.	12,500	11,800	14,000	13,400	9,500	------	14,200	------	------	------
NEW BEDFORD, MASS.	12,500	11,900	------	------	------	------	------	------	------	------
NEW BRITAIN, CONN.	10,800	11,000	------	------	------	------	------	------	------	------
NEW HAVEN, CONN.	12,500	11,500	12,200	13,800	15,500	13,000	14,400	------	------	------
NEW LONDON-GROTON-NORWICH, CONN.	13,800	10,800	------	13,500	------	------	14,700	------	------	------
NEW ORLEANS, LA.	13,000	10,500	14,300	13,000	------	------	13,400	18,000	------	------
NEW YORK, N.Y.	15,000	12,000	13,000	13,700	13,000	15,000	17,000	21,000	15,000	16,000
NEWARK, N.J.	15,000	10,900	11,600	14,300	------	12,500	15,400	22,000	------	------
NEWPORT NEWS-HAMPTON, VA.	13,000	------	------	13,000	------	------	------	------	------	------
NORFOLK-PORTSMOUTH, VA.	11,800	9,600	------	13,100	------	------	14,000	------	------	------
NORWALK, CONN.	15,000	10,600	------	------	------	------	15,500	------	------	------
ODESSA, TEX.	11,500	------	------	------	------	------	12,500	------	------	------
OGDEN, UTAH	11,900	9,500	------	12,200	------	------	------	------	------	------
OKLAHOMA CITY, OKLA.	12,600	11,000	14,200	13,000	10,800	------	13,000	17,500	------	------
OMAHA, NEBR.-IOWA	12,200	10,000	14,600	13,400	------	------	12,700	------	------	------
ORLANDO, FLA.	13,000	------	------	13,000	------	------	14,500	------	------	------
OXNARD-VENTURA, CALIF.	14,000	11,000	------	13,500	------	------	16,200	------	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	14,000	11,000	14,500	------	------	------	15,000	20,000	------	------
PENSACOLA, FLA.	12,700	9,500	------	13,000	------	------	13,900	------	------	------
PEORIA, ILL.	13,000	10,800	13,000	13,400	------	------	12,500	------	------	------
PHILADELPHIA, PA.-N.J.	14,000	10,600	14,000	13,500	11,900	13,200	15,000	18,000	12,500	13,000
PHOENIX, ARIZ.	12,200	10,700	14,400	12,200	10,000	------	14,700	------	------	------
PINE BLUFF, ARK.	------	------	------	------	------	------	------	------	------	------
PITTSBURGH, PA.	14,000	10,500	14,000	14,000	10,400	14,000	14,800	------	------	------
PITTSFIELD, MASS.	12,800	------	------	------	------	------	13,900	------	------	------
PONCE, P.R.	------	------	------	------	------	------	------	------	------	------
PORTLAND, MAINE	11,000	9,500	------	------	------	------	14,000	------	------	------
PORTLAND, OREG.-WASH.	12,400	10,300	15,000	13,300	11,400	14,000	13,000	18,000	------	------
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	12,000	11,000	12,000	------	------	14,400	14,000	------	------	------
PROVO-OREM, UTAH	11,400	11,000	14,000	------	------	------	------	------	------	------
PUEBLO, COLO.	11,000	10,200	------	------	------	------	------	------	------	------
RACINE, WIS.	13,600	------	------	------	------	------	14,000	------	------	------
RALEIGH, N.C.	13,500	11,800	14,600	13,300	11,400	------	13,700	------	------	------
READING, PA.	11,500	10,000	------	------	------	------	14,000	------	------	------
RENO, NEV.	12,500	10,500	13,300	10,900	------	------	12,300	------	------	------
RICHMOND, VA.	13,000	9,900	13,500	------	10,500	------	14,100	------	------	------
ROANOKE, VA.	11,200	10,500	------	------	------	------	------	------	------	------

APPENDIX TABLE A-35. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1968--CONTINUED

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATION	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
STANDRAD METROPOLITAN STATISTICAL AREAS - CONTINUED										
ROCHESTER, N.Y.	14,500	11,400	14,000	------	------	12,000	15,600	------	------	------
ROCKFORD, ILL.	11,700	------	------	------	------	------	12,000	------	------	------
SACRAMENTO, CALIF.	13,000	11,100	14,600	11,900	13,200	------	15,000	------	------	------
SAGINAW, MICH.	11,700	------	------	------	------	------	------	------	------	------
SALEM, OREGON	11,100	11,100	------	9,900	11,900	------	------	------	------	------
SALINAS-MONTEREY, CALIF.	14,000	13,500	14,400	13,300	------	------	15,200	------	------	------
ST. JOSEPH, MO.	10,000	------	------	------	------	------	------	------	------	------
ST. LOUIS, MO.-ILL	14,000	11,300	14,700	12,200	11,400	12,000	15,000	------	------	------
SALT LAKE CITY, UTAH	13,000	11,700	13,600	13,800	10,000	------	13,500	------	------	------
SAN ANGELO, TEX.	10,000	------	------	------	------	------	------	------	------	------
SAN ANTONIO, TEX.	12,400	8,600	13,000	13,500	------	13,000	13,500	------	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	12,800	11,200	14,000	13,500	11,400	18,000	13,000	------	------	------
SAN DIEGO, CALIF.	13,000	11,500	12,100	13,500	11,700	11,400	15,600	------	------	------
SAN FRANCISCO-OAKLAND, CALIF.	14,000	12,300	13,300	14,000	13,200	15,600	15,000	20,000	11,400	------
SAN JOSE, CALIF.	15,000	13,300	14,000	15,300	12,000	14,700	16,000	18,000	------	------
SAN JUAN, P.R.	11,700	10,600	11,000	12,500	------	------	12,000	------	------	------
SANTA BARBARA, CALIF.	13,500	11,800	10,900	13,500	------	------	16,800	------	------	------
SAVANNAH, GA.	11,900	------	------	12,200	------	------	12,600	------	------	------
SCRANTON, PA.	10,000	9,400	------	------	------	------	------	------	------	------
SEATTLE-EVERETT, WASH.	13,000	11,500	13,200	12,500	12,000	11,200	14,200	------	------	------
SHERMAN-DENISON, TEX.	10,200	------	------	------	------	------	------	------	------	------
SHREVEPORT, LA.	12,400	------	------	------	------	------	12,700	15,000	------	------
SIOUX CITY, IOWA-NEB.	10,000	------	------	------	------	------	------	------	------	------
SIOUX FALLS, S. DAK.	10,500	------	------	------	------	------	------	------	------	------
SOUTH BEND, IND.	11,200	11,000	12,600	------	------	------	11,000	------	------	------
SPOKANE, WASH.	11,500	10,300	------	------	------	------	14,600	------	------	------
SPRINGFIELD, ILL.	13,000	------	------	------	13,600	------	------	------	------	------
SPRINGFIELD, MO.	11,300	9,900	------	------	------	------	------	------	------	------
SPRINGFIELD, OHIO	10,700	10,500	------	------	------	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	12,300	10,000	10,000	------	------	------	14,600	------	------	------
STAMFORD, CONN.	15,000	10,000	------	------	------	------	15,600	------	------	------
STEUBENVILLE-WEIRTON, OHIO-W. VA.	10,500	------	------	------	------	------	------	------	------	------
STOCKTON, CALIF.	11,500	10,700	------	------	------	------	------	------	------	------
SYRACUSE, N.Y.	13,000	11,600	14,000	12,300	------	13,800	14,500	------	------	------
TACOMA, WASH.	11,500	10,400	12,000	12,600	------	------	12,000	------	------	------
TALLAHASSEE, FLA.	11,500	12,000	12,800	------	11,000	------	------	------	------	------
TAMPA-ST. PETERSBURG, FLA.	12,700	9,500	13,500	12,600	------	------	14,400	------	------	------
TERRE HAUTE, IND.	12,000	11,300	------	------	------	------	13,300	------	------	------
TEXARKANA, TEX-ARK.	------	------	------	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH.	12,200	11,200	13,500	------	------	------	13,500	------	------	------
TOPEKA, KANS.	11,000	9,000	------	------	10,900	------	12,600	------	------	------
TRENTON, N.J.	15,000	11,800	11,500	------	12,000	15,000	16,300	------	------	------
TUCSON, ARIZ.	12,500	11,000	13,800	13,800	------	------	13,200	------	------	------
TULSA, OKLA.	13,400	10,900	------	------	------	------	14,000	------	------	------
TUSCALOOSA, ALA.	12,000	12,000	15,300	------	------	------	------	------	------	------
TYLER, TEX.	12,000	------	------	------	------	------	13,400	------	------	------
UTICA-ROME, N.Y.	11,500	10,000	------	14,900	------	------	11,400	------	------	------
VALLEJO-NAPA, CALIF.	12,000	------	9,000	12,200	------	------	------	------	------	------
VINELAND-MILLVILLE-BRIDGETON, N.J.	11,400	------	------	------	------	------	------	------	------	------
WACO, TEX.	11,700	9,500	------	------	------	------	------	------	------	------
WASHINGTON, D.C.-MD.-VA.	15,800	11,000	14,100	15,800	15,900	17,100	16,500	20,000	15,000	13,500
WATERBURY, CONN.	13,000	------	------	------	------	------	13,200	------	------	------
WATERLOO, IOWA	10,700	10,200	------	------	------	------	------	------	------	------
WEST PALM BEACH, FLA.	11,500	10,000	12,800	------	------	------	13,000	------	------	------
WHEELING, W. VA.-OHIO	9,500	8,300	------	------	------	------	------	------	------	------
WICHITA, KANS.	12,000	10,000	------	------	------	------	13,200	15,000	------	------
WICHITA FALLS, TEX.	11,800	------	------	------	------	------	------	------	------	------
WILKES-BARRE-HAZLETON, PA.	10,000	9,700	------	------	------	------	------	------	------	------
WILMINGTON, DEL.-N.J.-MD.	15,900	11,500	12,500	------	------	------	16,200	------	------	------
WILMINGTON, N.C.	11,200	------	------	------	------	------	------	------	------	------
WORCESTER, MASS.	12,600	11,000	12,000	------	------	11,400	16,000	------	------	------
YORK, PA.	10,800	9,000	------	------	------	------	12,700	------	------	------
YOUNGSTOWN-WARREN, OHIO	11,000	10,000	------	------	------	------	12,500	------	------	------
OTHER LOCATIONS	12,000	10,400	13,100	11,800	9,900	13,600	13,500	14,000	11,400	12,100

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-36. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1968

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ALL LOCATIONS	13,200	13,400	13,000	13,800	17,000	18,400	10,500	13,000	12,000	14,400	12,500	12,000	14,400
STANDARD METROPOLITAN STATISTICAL AREAS	13,800	13,500	13,300	14,000	18,000	18,800	10,900	13,000	12,000	14,700	12,600	12,500	14,800
ABILENE, TEX.	10,000	------	------	------	------	------	9,000	------	------	------	10,500	------	------
AKRON, OHIO	13,000	12,100	13,200	12,700	16,800	17,000	11,000	------	12,000	11,300	------	12,500	14,400
ALBANY, GA.	10,000	------	------	------	------	------	------	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	14,200	14,500	15,000	14,500	18,500	19,700	11,000	12,700	12,000	14,100	11,500	14,100	15,000
ALBUQUERQUE, N.MEX.	14,700	15,000	14,400	15,600	16,300	19,600	11,000	------	------	15,600	13,200	------	------
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	12,800	13,100	12,000	13,200	18,000	18,300	10,500	10,300	12,200	------	------	------	------
ALTOONA, PA.	9,800	------	------	------	------	------	------	------	------	------	------	------	------
AMARILLO, TEX.	12,000	11,700	------	------	15,000	------	10,300	------	------	------	12,000	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	15,000	15,000	13,800	15,600	19,000	20,300	10,500	10,000	12,400	16,000	13,700	13,000	17,000
ANDERSON, IND.	------	------	------	------	------	------	------	------	------	------	------	------	------
ANN ARBOR, MICH.	13,600	12,700	12,100	13,000	18,500	19,000	12,800	16,000	------	12,100	------	------	15,600
ASHEVILLE, N.C.	11,800	11,400	------	11,600	14,100	------	------	------	------	------	------	------	------
ATLANTA, GA.	13,000	12,900	12,500	13,000	16,000	16,500	11,500	15,000	12,000	14,900	12,000	11,300	12,400
ATLANTIC CITY, N.J.	11,800	------	------	------	------	------	------	------	------	------	------	------	------
AUGUSTA, GA.-S.C.	14,000	13,900	14,300	13,900	17,000	18,000	------	------	12,100	------	------	------	------
AUSTIN, TEX.	13,000	11,400	11,000	11,800	16,000	16,500	12,500	------	------	14,400	11,600	------	------
BAKERSFIELD, CALIF.	13,400	13,400	14,400	13,000	15,300	15,800	------	------	12,900	------	12,900	------	------
BALTIMORE, MD.	13,600	13,600	13,500	14,000	17,400	18,400	10,200	13,000	12,000	14,000	11,600	12,600	14,700
BATON ROUGE, LA.	13,600	13,600	12,200	14,100	19,000	20,000	11,500	13,500	12,000	------	------	------	14,200
BAY CITY, MICH.	9,900	------	------	------	------	------	9,000	------	------	------	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	12,400	12,600	------	14,000	15,000	------	11,100	------	11,500	------	------	------	------
BILLINGS, MONT.	11,900	------	------	------	13,400	------	9,700	------	------	------	12,000	------	------
BILOXI-GULFPORT, MISS.	10,900	11,800	------	------	------	------	------	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA.	14,000	14,000	------	14,000	16,600	18,500	11,900	------	------	------	------	------	------
BIRMINGHAM, ALA.	13,500	14,700	14,500	15,000	18,000	18,500	9,400	15,000	------	------	------	------	------
BLOOMINGTON-NORMAL, ILL.	12,500	------	------	------	19,000	------	10,600	------	------	------	------	------	------
BOISE CITY, IDAHO	11,300	------	------	------	12,000	------	------	------	------	------	------	------	------
BOSTON, MASS.	14,000	13,500	12,500	15,000	18,500	19,500	11,100	12,500	12,300	15,000	13,000	12,500	16,000
BRIDGEPORT, CONN.	12,000	11,600	------	------	16,300	18,000	10,500	------	------	------	------	------	------
BROCKTON, MASS.	11,100	------	------	------	------	------	------	------	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	11,300	------	------	------	------	------	------	------	------	------	------	------	------
BUFFALO, N.Y.	13,200	13,500	13,500	14,000	16,500	18,000	10,500	16,600	11,600	13,200	------	12,000	14,000
CANTON, OHIO	10,900	12,000	------	------	------	------	9,000	------	------	------	------	------	------
CEDAR RAPIDS, IOWA	12,000	------	------	------	------	------	10,200	------	------	------	------	------	------
CHAMPAIGN-URBANA, ILL.	13,000	12,000	12,000	13,400	20,000	20,500	13,000	14,800	------	------	------	------	12,600
CHARLESTON, S.C.	13,800	14,000	------	------	15,200	------	10,400	------	------	------	------	------	------
CHARLESTON, W.VA.	14,100	14,500	15,000	15,000	18,000	20,000	------	------	11,500	------	------	------	------
CHARLOTTE, N.C.	12,800	12,400	------	------	16,000	17,000	9,700	------	13,000	------	------	------	------
CHATTANOOGA, TENN.-GA.	11,800	11,600	------	------	18,000	18,000	------	------	10,500	------	------	------	------
CHICAGO, ILL.	13,600	13,000	13,100	13,000	18,000	18,000	10,800	12,600	12,000	15,000	12,600	12,000	15,000
CINCINNATI, OHIO-KY.-IND.	13,500	13,000	14,100	13,200	17,000	17,500	10,100	13,000	11,200	13,000	13,200	10,500	14,000
CLEVELAND, OHIO	13,500	13,000	13,400	13,200	18,000	18,000	10,500	13,200	11,600	15,000	13,000	12,800	14,000
COLORADO SPRINGS, COLO.	12,100	14,500	------	15,300	16,000	------	10,700	9,400	------	------	------	------	------
COLUMBIA, S.C.	11,800	10,600	9,000	------	13,000	------	10,800	------	------	------	------	------	------
COLUMBUS, GA.-ALA.	12,000	------	------	------	------	------	------	------	------	------	------	------	------
COLUMBUS, OHIO	13,000	12,500	11,800	13,200	17,000	18,300	11,600	14,200	11,200	12,200	10,500	11,600	13,000
CORPUS CHRISTI, TEX.	12,600	13,600	------	13,700	16,000	16,000	------	------	11,000	------	12,200	------	------
DALLAS, TEX.	14,500	14,300	15,400	14,400	18,000	19,300	11,000	15,600	12,000	15,600	12,600	11,000	15,500
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	12,000	13,000	------	12,500	16,000	------	9,800	------	------	------	------	------	------
DAYTON, OHIO	13,800	13,500	14,000	13,600	16,500	16,500	10,500	13,000	11,600	14,500	11,000	------	15,000
DECATUR, ILL.	14,300	13,100	------	------	18,200	------	------	------	------	------	------	------	------
DENVER, COLO.	13,400	13,500	14,000	13,400	16,000	17,400	11,000	13,000	11,700	13,000	13,000	11,000	12,600
DES MOINES, IOWA	12,500	11,500	------	11,500	16,000	------	10,800	------	------	------	------	------	------
DETROIT, MICH.	13,100	13,200	13,600	13,500	16,700	17,600	10,800	14,000	11,600	13,700	12,000	13,500	14,200
DUBUQUE, IOWA	10,000	------	------	------	------	------	------	------	------	------	------	------	------
DULUTH-SUPERIOR, MINN.-WIS.	10,200	------	------	------	10,500	------	9,900	------	------	------	------	------	------
DURHAM, N.C.	14,000	13,200	12,000	14,500	19,000	19,700	12,300	16,000	------	13,400	------	------	17,000
EL PASO, TEX.	11,500	12,000	------	------	16,000	------	10,500	------	------	------	------	------	------
ERIE, PA.	11,500	12,300	------	------	16,800	------	10,000	------	------	------	------	------	------
EUGENE, OREG.	11,700	10,000	9,800	------	11,800	------	12,300	------	------	------	------	------	------
EVANSVILLE, IND.-KY.	12,100	13,000	------	12,000	18,000	19,000	9,500	------	11,400	------	------	------	------
FALL RIVER, MASS.-R.I.	------	------	------	------	------	------	------	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN.	11,800	12,100	12,000	------	16,000	------	10,500	12,200	------	------	------	------	------
FAYETTEVILLE, N.C.	------	------	------	------	------	------	------	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS.	12,600	------	------	------	------	------	------	------	------	------	------	------	------
FLINT, MICH.	12,300	------	------	------	15,100	------	10,900	------	------	------	------	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA.	12,500	12,200	------	------	------	------	------	------	------	------	------	------	------
FORT SMITH, ARK.-OKLA.	10,900	------	------	------	------	------	------	------	------	------	------	------	------
FORT WAYNE, IND.	11,600	12,900	------	------	17,000	------	10,000	------	------	------	------	------	------
FORT WORTH, TEX.	12,500	13,100	11,100	14,500	16,000	16,800	10,800	12,100	10,800	------	12,000	------	------
FRESNO, CALIF.	11,600	11,500	------	11,600	12,500	------	11,100	------	------	------	------	------	------
GADSDEN, ALA.	------	------	------	------	------	------	------	------	------	------	------	------	------

APPENDIX TABLE A-36. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1968—CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
GALVESTON-TEXAS CITY, TEX.	14,000	14,000	14,400	14,900	16,200	------	------	17,000	12,000	------	------	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	14,000	16,000	------	16,000	20,000	22,000	10,000	------	12,500	------	------	------	------
GRAND RAPIDS, MICH.	11,000	12,200	------	------	14,000	------	9,800	------	------	------	------	------	------
GREAT FALLS, MONT.	11,700	------	------	------	------	------	------	------	------	------	------	------	------
GREEN BAY, WIS.	10,300	------	------	------	------	------	10,000	------	------	------	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	12,000	13,000	13,200	13,000	17,700	18,000	10,700	11,500	------	------	------	------	------
GREENVILLE, S.C.	12,000	------	------	------	18,200	------	8,900	------	------	------	------	------	------
HAMILTON-MIDDLETOWN, OHIO	11,800	12,000	------	------	------	------	11,000	------	------	------	------	------	------
HARRISBURG, PA.	11,700	11,900	------	11,900	14,000	14,800	9,000	------	9,600	------	------	------	------
HARTFORD, CONN.	14,000	13,700	16,100	15,000	18,000	18,500	10,000	------	11,200	13,000	12,400	12,200	------
HONOLULU, HAWAII	12,600	12,100	12,000	12,600	17,500	20,200	11,200	12,500	------	13,200	12,500	------	15,000
HOUSTON, TEX.	13,900	13,400	12,800	14,000	18,000	17,700	12,000	15,600	12,000	15,400	13,000	13,000	15,000
HUNTINGTON-ASHLAND, W.VA	10,800	------	------	------	13,300	------	10,600	------	10,800	------	------	------	------
HUNTSVILLE, ALA.	14,000	13,700	14,100	13,500	17,000	17,000	------	------	------	------	12,200	------	------
INDIANAPOLIS, IND.	13,900	14,100	14,200	14,400	17,500	18,500	9,100	14,200	11,700	13,000	12,000	12,000	15,000
JACKSON, MICH.	11,600	------	------	------	------	------	------	------	------	------	------	------	------
JACKSON, MISS.	12,000	12,700	13,000	------	13,000	------	8,500	------	------	------	12,000	------	------
JACKSONVILLE, FLA.	11,100	------	------	------	14,100	------	8,400	------	------	------	------	------	------
JERSEY CITY, N.J.	13,100	13,000	13,200	12,600	17,400	17,500	10,600	------	11,800	------	------	------	------
JOHNSTOWN, PA.	9,500	------	------	------	------	------	8,900	------	------	------	------	------	------
KALAMAZOO, MICH.	14,900	15,000	15,000	15,000	20,000	20,000	11,300	------	13,400	------	------	------	------
KANSAS CITY, MO.-KANS.	12,600	12,700	13,300	12,200	16,000	16,000	9,600	12,000	11,000	14,200	12,000	------	14,000
KENOSHA, WIS.	10,000	------	------	------	------	------	------	------	------	------	------	------	------
KNOXVILLE, TENN.	14,300	14,700	15,200	14,200	18,000	19,000	11,200	12,500	12,700	12,000	12,000	13,000	------
LAFAYETTE, LA.	12,000	------	------	------	15,000	------	9,200	------	11,500	------	12,300	------	------
LAFAYETTE-WEST LAFAYETTE, IND.	14,200	13,200	12,500	14,000	19,000	18,800	12,700	16,000	------	------	------	------	------
LAKE CHARLES, LA.	11,300	------	------	------	14,000	------	9,200	------	11,300	------	------	------	------
LANCASTER, PA.	12,700	13,000	------	13,000	18,000	18,500	10,600	------	13,000	------	------	------	------
LANSING, MICH.	13,500	12,800	12,200	13,700	17,200	19,500	11,600	15,000	------	------	11,800	13,000	13,500
LAREDO, TEX.	------	------	------	------	------	------	------	------	------	------	------	------	------
LAS VEGAS, NEV.	12,100	12,000	------	12,000	14,900	------	10,600	------	------	------	------	------	------
LAWRENCE-HAVERHILL, MASS.-N.H.	12,000	------	------	------	------	------	9,600	------	------	------	------	------	------
LAWTON, OKLA.	------	------	------	------	------	------	------	------	------	------	------	------	------
LEWISTON-AUBURN, MAINE	------	------	------	------	------	------	------	------	------	------	------	------	------
LEXINGTON, KY.	13,000	12,500	12,000	13,500	17,300	17,900	11,800	15,500	------	------	------	------	------
LIMA, OHIO	11,000	------	------	------	------	------	------	------	------	------	------	------	------
LINCOLN, NEBR.	12,000	12,100	11,000	13,000	15,000	16,000	11,000	13,000	------	------	------	------	------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	13,000	13,000	------	------	14,800	15,000	------	14,800	------	------	------	------	------
LORAIN-ELYRIA, OHIO	12,000	12,100	------	------	17,100	------	11,300	------	------	------	------	------	------
LOS ANGELES-LONG BEACH, CALIF.	15,000	15,000	13,800	15,600	19,000	20,000	11,500	13,200	12,300	16,000	13,200	13,700	16,000
LOUISVILLE, KY.-IND.	12,000	11,200	12,500	12,000	15,900	16,400	9,500	14,200	10,800	------	------	------	------
LOWELL, MASS.	13,900	15,300	------	15,500	18,500	19,800	11,000	------	------	------	------	------	------
LUBBOCK, TEX.	12,600	12,500	------	------	17,000	------	11,800	16,000	------	------	------	------	------
LYNCHBURG, VA.	12,000	12,400	------	------	------	------	10,000	------	------	------	------	------	------
MACON, GA.	10,200	------	------	------	------	------	------	------	------	------	------	------	------
MADISON, WIS.	13,000	11,800	11,100	12,500	16,400	17,000	13,000	15,300	------	14,000	------	10,900	14,000
MANCHESTER, N.H.	9,100	------	------	------	------	------	------	------	------	------	------	------	------
MANSFIELD, OHIO	11,000	------	------	------	------	------	------	------	------	------	------	------	------
MAYAGUEZ, P.R.	10,800	------	------	------	------	------	------	------	------	------	------	------	------
MCALLEN-PHARR-EDENBURG, TEX.	12,000	13,000	------	------	------	------	------	------	------	------	------	------	------
MEMPHIS, TENN.-ARK.	12,500	12,000	12,000	13,000	16,000	15,300	10,500	13,600	10,000	15,000	------	------	------
MERIDEN, CONN.	------	------	------	------	------	------	------	------	------	------	------	------	------
MIAMI, FLA.	12,600	12,200	12,300	12,000	16,000	16,000	10,000	10,800	------	14,000	13,800	------	------
MIDLAND, TEX.	13,000	------	------	------	16,500	------	------	------	12,000	------	12,800	------	------
MILWAUKEE, WIS.	12,400	12,000	12,500	12,000	16,000	17,800	11,000	13,000	11,000	13,800	------	11,500	14,000
MINNEAPOLIS-ST. PAUL, MINN.	13,800	13,200	12,900	14,000	16,900	17,400	11,200	14,300	11,800	14,100	12,000	12,800	15,300
MOBILE, ALA.	11,200	------	------	------	15,000	------	9,700	------	------	------	------	------	------
MONROE, LA.	11,000	------	------	------	14,400	------	10,500	------	------	------	------	------	------
MONTGOMERY, ALA.	12,000	------	------	------	12,200	------	------	------	------	------	------	------	------
MUNCIE, IND.	11,100	------	------	------	------	------	10,500	------	------	------	------	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	12,000	------	------	------	------	------	------	------	------	------	------	------	------
NASHVILLE, TENN.	12,500	13,000	13,000	13,200	16,000	17,000	11,000	13,000	------	------	------	------	------
NEW BEDFORD, MASS.	12,500	------	------	------	------	------	------	------	------	------	------	------	------
NEW BRITAIN, CONN.	10,800	------	------	------	------	------	10,800	------	------	------	------	------	------
NEW HAVEN, CONN.	12,500	12,200	12,000	13,600	16,500	17,500	11,000	13,000	------	11,500	------	------	18,000
NEW LONDON-GROTON-NORWICH, CONN.	13,800	13,700	14,300	13,300	18,500	19,400	10,800	------	------	------	------	------	------
NEW ORLEANS, LA.	13,000	12,500	12,000	13,000	16,600	17,300	10,000	14,800	12,500	14,200	13,000	10,600	15,000
NEW YORK, N.Y.	15,000	14,000	13,400	14,400	20,000	20,000	11,500	11,500	14,000	15,000	13,500	14,000	16,500
NEWARK, N.J.	15,000	14,500	15,200	14,500	19,400	20,000	10,500	11,000	12,000	15,000	13,000	14,500	15,000
NEWPORT NEWS-HAMPTON, VA.	13,000	13,000	13,000	13,000	15,600	15,800	------	------	------	------	------	------	------
NORFOLK-PORTSMOUTH, VA.	11,800	12,700	------	13,000	14,000	------	9,600	------	------	------	------	------	------
NORWALK, CONN.	15,000	14,400	------	14,000	18,700	19,000	------	------	------	------	------	------	------
ODESSA, TEX.	11,500	------	------	------	------	------	------	------	------	------	------	------	------

APPENDIX TABLE A-36. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1968—CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
OGDEN, UTAH	11,900	------	------	------	14,000	------	9,500	------	------	------	------	------	------
OKLAHOMA CITY, OKLA.	12,600	12,000	12,000	12,000	16,000	17,000	10,800	15,000	12,400	12,000	12,600	------	13,500
OMAHA, NEBR.-IOWA	12,200	13,600	14,600	12,000	14,000	15,000	10,000	13,000	------	15,000	------	------	------
ORLANDO, FLA.	13,000	13,000	------	13,000	17,700	------	------	------	------	------	------	------	------
OXNARD-VENTURA, CALIF.	14,000	16,200	18,500	14,500	16,700	------	10,900	------	------	------	12,000	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	14,000	13,000	13,600	13,400	18,600	18,500	10,400	------	12,500	15,000	------	14,000	15,000
PENSACOLA, FLA.	12,700	12,900	------	------	16,300	------	9,500	------	11,200	------	------	------	------
PEORIA, ILL.	13,000	13,000	13,000	13,700	17,500	18,600	10,300	12,800	------	------	------	------	------
PHILADELPHIA, PA.-N.J.	14,000	13,700	13,500	14,000	18,000	18,500	10,200	13,000	12,000	14,500	12,500	12,000	15,000
PHOENIX, ARIZ.	12,200	13,000	11,000	12,900	14,900	15,800	10,500	------	10,300	15,000	------	11,100	------
PINE BLUFF, ARK.	------	------	------	------	------	------	------	------	------	------	------	------	------
PITTSBURGH, PA.	14,000	13,500	13,500	13,800	18,000	18,500	10,000	13,900	11,900	14,200	12,000	12,400	14,700
PITTSFIELD, MASS.	12,800	13,600	------	------	------	------	------	------	------	------	------	------	------
PONCE, P.R.	------	------	------	------	------	------	------	------	------	------	------	------	------
PORTLAND, MAINE	11,000	------	------	------	15,300	------	------	------	------	------	------	------	------
PORTLAND, OREG.-WASH.	12,400	12,900	13,100	13,000	13,800	14,000	10,100	16,000	11,000	15,000	12,800	11,400	------
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	12,000	12,000	11,000	12,700	16,000	16,800	10,000	12,200	12,000	------	------	------	------
PROVO-OREM, UTAH	11,400	------	------	------	------	------	11,000	------	------	------	------	------	------
PUEBLO, COLO.	11,000	------	------	------	------	------	------	------	------	------	------	------	------
RACINE, WIS.	13,600	12,600	------	------	18,500	------	------	------	------	------	------	------	------
RALEIGH, N.C.	13,500	13,800	14,000	13,500	16,000	20,000	11,600	14,000	------	------	------	12,500	------
READING, PA.	11,500	13,500	------	------	15,800	------	9,700	------	------	------	------	------	------
RENO, NEV.	12,500	12,000	12,500	10,900	16,000	------	10,300	------	------	------	12,000	------	------
RICHMOND, VA.	13,000	12,500	12,500	13,000	16,200	17,000	9,900	13,000	11,000	13,700	------	------	------
ROANOKE, VA.	11,200	------	------	------	13,200	------	10,400	------	------	------	------	------	------
ROCHESTER, N.Y.	14,500	14,400	14,900	15,000	20,000	21,500	11,000	13,000	12,400	13,400	13,800	14,000	14,500
ROCKFORD, ILL.	11,700	------	------	------	------	------	------	------	------	------	------	------	------
SACRAMENTO, CALIF.	13,000	13,000	12,000	13,500	15,500	16,500	11,100	14,600	10,900	13,200	11,400	11,900	12,400
SAGINAW, MICH.	11,700	------	------	------	------	------	------	------	------	------	------	------	------
SALEM, OREGON	11,100	------	------	------	12,300	------	11,100	------	------	------	------	------	------
SALINAS-MONTEREY, CALIF.	14,000	13,700	12,300	14,000	15,800	------	13,500	------	------	------	------	------	------
ST. JOSEPH, MO.	10,000	------	------	------	------	------	------	------	------	------	------	------	------
ST. LOUIS, MO.-ILL.	14,000	14,000	14,500	13,800	18,000	18,300	11,000	13,000	12,000	13,500	11,600	11,900	16,000
SALT LAKE CITY, UTAH	13,000	12,000	12,000	12,000	15,300	15,300	11,500	15,000	11,100	14,400	12,000	------	------
SAN ANGELO, TEX.	10,000	------	------	------	------	------	------	------	------	------	------	------	------
SAN ANTONIO, TEX.	12,400	12,500	12,300	12,500	16,000	18,000	8,600	13,000	11,200	15,300	12,500	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CA.	12,800	13,000	12,000	14,000	15,800	18,500	11,000	10,600	10,700	14,400	11,300	------	------
SAN DIEGO, CALIF.	13,000	13,200	12,000	13,800	17,300	18,100	11,000	12,000	12,000	13,400	12,000	------	15,000
SAN FRANCISCO-OAKLAND, CALIF.	14,000	14,000	13,500	14,400	18,400	20,000	12,000	12,900	12,000	14,900	13,000	12,600	14,800
SAN JOSE, CALIF.	15,000	14,600	14,400	15,000	19,000	20,000	13,000	15,000	12,000	15,000	13,000	13,100	14,500
SAN JUAN, P.R.	11,700	10,800	11,000	------	14,400	------	------	9,700	------	------	------	------	------
SANTA BARBARA, CALIF.	13,500	14,800	11,700	16,000	18,800	24,000	11,800	------	------	------	------	------	------
SAVANNAH, GA.	11,900	11,800	------	------	14,000	------	------	------	------	------	------	------	------
SCRANTON, PA.	10,000	------	------	------	------	------	9,000	------	------	------	------	------	------
SEATTLE-EVERETT, WASH.	13,000	13,000	12,100	13,500	16,000	17,900	11,000	15,000	11,000	13,400	12,000	11,200	14,000
SHERMAN-DENISON, TEX.	10,200	------	------	------	------	------	------	------	------	------	------	------	------
SHREVEPORT, LA.	12,400	------	------	------	15,600	------	------	------	11,400	------	12,300	------	------
SIOUX CITY, IOWA-NEB.	10,000	------	------	------	------	------	------	------	------	------	------	------	------
SIOUX FALLS, S. DAK.	10,500	------	------	------	------	------	------	------	------	------	------	------	------
SOUTH BEND, IND.	11,200	10,500	10,500	------	16,000	16,000	11,000	------	------	------	------	------	------
SPOKANE, WASH.	11,500	------	------	------	14,400	------	10,000	------	------	------	------	------	------
SPRINGFIELD, ILL.	13,000	------	------	------	16,000	------	------	------	------	------	------	------	------
SPRINGFIELD, MO.	11,300	------	------	------	------	------	9,900	------	------	------	------	------	------
SPRINGFIELD, OHIO	10,700	------	------	------	------	------	10,500	------	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	12,300	13,500	------	14,300	17,200	18,000	10,000	10,000	12,000	------	------	------	------
STAMFORD, CONN.	15,000	14,100	14,300	14,700	19,200	20,000	------	------	12,200	------	------	------	------
STEUBENVILLE-WEIRTON, OHIO-W. VA.	10,500	------	------	------	------	------	------	------	------	------	------	------	------
STOCKTON, CALIF.	11,500	------	------	------	------	------	10,700	------	------	------	------	------	------
SYRACUSE, N.Y.	13,000	13,000	12,000	14,000	17,5[illegible]	18,400	11,500	15,200	12,000	15,000	------	------	13,500
TACOMA, WASH.	11,500	11,600	------	11,500	13,[illegible]	------	10,400	------	------	------	------	------	------
TALLAHASSEE, FLA.	11,500	10,200	9,800	13,000	14,900	16,700	11,200	------	------	------	------	------	------
TAMPA-ST. PETERSBURG, FLA.	12,700	11,500	12,000	11,500	16,500	18,000	9,300	13,500	11,400	15,000	------	------	------
TERRE HAUTE, IND.	12,000	12,000	------	------	16,000	------	11,300	------	------	------	------	------	------
TEXARKANA, TEX-ARK.	------	------	------	------	------	------	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH.	12,200	12,000	12,500	12,000	17,000	17,100	11,000	------	10,500	------	------	------	------
TOPEKA, KANS.	11,000	12,600	------	------	13,900	------	8,900	------	------	------	------	------	------
TRENTON, N.J.	15,000	14,400	14,000	14,900	18,000	19,000	11,500	------	14,500	15,000	12,000	12,300	15,600
TUCSON, ARIZ.	12,500	12,000	11,500	12,800	16,200	16,500	10,900	15,200	------	------	13,000	------	------
TULSA, OKLA.	13,400	13,500	12,400	14,000	17,000	17,300	10,000	------	11,600	------	12,600	------	------
TUSCALOOSA, ALA.	12,000	------	------	------	16,000	------	12,000	------	------	------	------	------	------
TYLER, TEX.	12,000	------	------	------	------	------	------	------	------	------	12,200	------	------
UTICA-RONE, N.Y.	11,500	12,200	------	12,000	15,300	15,800	10,000	------	------	------	------	------	------
VALLEJO-NAPA, CALIF.	12,000	12,500	------	------	15,000	------	------	------	------	------	------	------	------
VINELAND-MILLVILLE-BRIDG	11,400	------	------	------	------	------	------	------	------	------	------	------	------
WACO, TEX.	11,700	------	------	------	------	------	9,500	------	------	------	------	------	------
WASHINGTON, D.C.-MD.-VA.	15,800	14,400	13,900	14,800	19,500	20,000	10,600	14,000	13,000	17,000	13,500	14,000	15,100
WATERBURY, CONN.	13,000	12,500	------	13,300	16,500	16,100	------	------	10,800	------	------	------	------
WATERLOO, IOWA	10,700	------	------	------	------	------	10,200	------	------	------	------	------	------

APPENDIX TABLE A-36. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1968—CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
STANDARD METROPOLITAN STATISTICAL AREAS -													
WEST PALM BEACH, FLA. -	11,500	12,300	------	12,300	15,800	------	10,000	------	------	------	------	------	------
WHEELING, W. VA.-OHIO -	9,500	------	------	------	------	------	8,200	------	------	------	------	------	------
WICHITA, KANS. - - - - -	12,000	12,000	------	------	15,300	------	9,900	------	11,700	15,000	12,000	------	------
WICHITA FALLS, TEX. - -	11,800	------	------	------	------	------	------	------	------	------	------	------	------
WILKES-BARRE-HAZLETON, PA. - - - - - - - - -	10,000	------	------	------	------	------	9,700	------	------	------	------	------	------
WILMINGTON, DEL.-N.J.-MD. - - - - - - - - -	15,900	15,000	15,000	15,200	20,500	20,300	11,500	------	14,400	15,000	14,900	16,000	16,400
WILMINGTON, N.C. - - - -	11,200	------	------	------	------	------	------	------	------	------	------	------	------
WORCESTER, MASS. - - - -	12,600	11,900	10,500	------	17,000	18,000	11,000	------	------	------	------	------	------
YORK, PA. - - - - - - - -	10,800	------	------	------	14,000	------	8,500	------	------	------	------	------	------
YOUNGSTOWN-WARREN, OHIO	11,000	------	------	------	------	------	10,000	------	------	------	------	------	------
OTHER LOCATIONS - - - -	12,000	12,500	12,200	12,800	14,000	17,000	10,000	12,500	11,400	13,000	12,000	11,000	13,000

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-37. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY STATE AND PROGRAM, 1968

LOCATION	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
ALL LOCATIONS	297,942	127,415(A)	15,428	12,343	31,865	18,817	30,703	951	2,975
NEW ENGLAND	21,118	9,697	588	672	3,146	1,432	2,857	55	162
CONNECTICUT	5,321	1,935	117	142	6[illegible]	293	567	8	37
MAINE	891	362	87	9	32	71	65	-------	-------
MASSACHUSETTS	12,137	6,080	194	465	2,146	846	1,890	44	110
NEW HAMPSHIRE	978	460	77	13	123	82	85	1	5
RHODE ISLAND	1,185	596	42	34	180	97	158	-------	6
VERMONT	606	264	71	9	20	43	92	2	4
MIDDLE ATLANTIC	61,704	18,841	1,281	1,937	4,673	3,327	6,094	152	328
NEW JERSEY	14,004	3,069	188	242	1,261	[illegible]01	583	22	31
NEW YORK	31,279	10,079	581	1,159	2,021	1,840	3,703	70	202
PENNSYLVANIA	16,421	5,693	512	536	1,391	986	1,808	60	95
EAST NORTH CENTRAL	51,044	17,312	2,055	1,954	2,973	3,423	5,147	138	347
ILLINOIS	15,250	5,147	547	847	760	1,052	1,550	41	92
INDIANA	6,347	2,021	317	17[illegible]	309	509	541	2	30
MICHIGAN	10,605	3,440	396	236	529	692	1,113	28	93
OHIO	13,121	4,484	368	524	1,205	694	1,231	45	78
WISCONSIN	5,721	2,220	427	168	170	476	712	22	54
WEST NORTH CENTRAL	19,649	8,316	1,795	559	1,213	1,574	2,196	62	109
IOWA	3,230	1,405	318	257	70	319	397	6	19
KANSAS	2,736	1,093	235	45	138	247	321	10	28
MINNESOTA	5,189	2,104	366	121	354	385	602	12	28
MISSOURI	5,446	2,110	325	83	427	352	642	27	22
NEBRASKA	1,636	791	223	33	163	133	135	3	8
NORTH DAKOTA	714	420	159	12	42	61	55	1	3
SOUTH DAKOTA	698	393	169	8	19	77	44	3	1
SOUTH ATLANTIC	44,081	25,704	3,082	1,405	7,467	2,909	5,694	298	909
DELAWARE	2,909	257	40	15	71	41	41	2	2
DISTRICT OF COLUMBIA	8,829	7,334	634	285	2,196	672	1,060	150	631
FLORIDA	5,244	2,521	370	135	631	435	519	14	33
GEORGIA	3,599	1,737	367	71	255	308	506	18	15
MARYLAND	9,628	7,367	713	448	2,380	540	2,160	64	120
NORTH CAROLINA	4,499	1,981	375	102	269	375	748	13	40
SOUTH CAROLINA	1,756	741	168	184	109	116	102	2	3
VIRGINIA	5,789	3,263	287	154	1,534	341	453	32	59
WEST VIRGINIA	1,828	503	128	11	22	81	105	3	6
EAST SOUTH CENTRAL	10,346	5,038	872	1,032	697	734	1,105	25	51
ALABAMA	2,519	1,438	263	29	360	161	260	3	17
KENTUCKY	2,398	912	195	49	81	190	254	6	10
MISSISSIPPI	1,258	599	216	20	72	98	95	4	7
TENNESSEE	4,171	2,089	198	934	184	285	496	12	17
WEST SOUTH CENTRAL	24,059	7,180	1,234	356	1,504	1,090	1,691	30	91
ARKANSAS	1,050	503	161	28	31	93	111	2	3
LOUISIANA	4,417	1,217	348	35	104	219	327	7	17
OKLAHOMA	3,731	1,000	186	36	154	174	242	1	9
TEXAS	14,861	4,460	539	257	1,215	604	1,011	20	62
MOUNTAIN	16,334	9,532	1,770	1,657	1,880	1,053	1,200	29	108
ARIZONA	2,414	1,164	272	55	193	175	179	8	10
COLORADO	5,394	2,963	382	284	580	379	463	7	64
IDAHO	1,206	801	246	226	29	77	40	3	2
MONTANA	1,193	728	251	12	45	77	84	2	3
NEVADA	693	416	79	119	59	42	38	1	1
NEW MEXICO	2,558	1,916	203	876	657	111	125	4	12
UTAH	2,022	1,133	210	70	294	130	237	3	12
WYOMING	854	411	127	15	23	62	34	1	4
PACIFIC	43,950	23,220	2,428	2,700	7,333	2,994	4,454	143	349
ALASKA	651	455	55	15	62	38	35	6	7
CALIFORNIA	33,275	17,216	1,333	2,021	6,420	2,194	3,314	114	279
HAWAII	1,207	753	148	25	221	110	129	2	25
OREGON	3,445	1,891	494	83	101	285	384	3	13
WASHINGTON	5,372	2,905	398	556	529	367	592	18	25
U.S. TERRITORIES AND POSSESSIONS	571	322	57	27	79	51	55	3	16
CANAL ZONE	55	52	2	------	21	5	10	------	6
GUAM	58	52	4	1	33	5	2	------	2
PUERTO RICO	439	206	49	26	23	39	40	2	7
VIRGIN ISLANDS	19	12	2	------	2	2	3	1	1
FOREIGN	5,086	2,253	266	44	900	230	210	16	505

APPENDIX TABLE A-37. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY STATE AND PROGRAM, 1968—CONTINUED

LOCATION	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL LOCATIONS	12,685	1,787	1,802	13,012	2,823	2,464	16,796	137,181	10,192	23,154
NEW ENGLAND	708	82	88	1,336	228	181	1,107	8,581	711	2,129
CONNECTICUT	123	12	9	257	77	35	224	2,627	216	543
MAINE	92	5	15	8	2	7	56	415	28	86
MASSACHUSETTS	317	54	32	988	133	121	665	4,492	374	1,191
NEW HAMPSHIRE	72	7	15	29	6	8	45	390	23	105
RHODE ISLAND	53	3	3	38	3	8	93	409	42	138
VERMONT	51	1	14	16	7	2	24	248	28	66
MIDDLE ATLANTIC	1,038	197	166	1,726	423	420	2,192	35,280	2,548	5,035
NEW JERSEY	182	26	13	337	101	50	322	9,347	639	949
NEW YORK	434	91	88	803	198	239	1,234	17,270	1,312	2,618
PENNSYLVANIA	422	80	65	586	124	131	636	8,663	597	1,468
EAST NORTH CENTRAL	1,305	196	187	1,284	335	363	2,212	26,986	2,341	4,405
ILLINOIS	244	55	43	228	73	121	689	8,062	707	1,334
INDIANA	109	15	13	113	32	17	246	3,404	281	641
MICHIGAN	370	43	41	191	76	78	450	5,794	461	910
OHIO	276	52	36	632	137	113	548	7,093	591	953
WISCONSIN	306	31	54	120	17	34	279	2,633	301	567
WEST NORTH CENTRAL	965	158	194	543	155	191	1,001	9,076	754	1,503
IOWA	87	9	24	61	13	13	143	1,419	146	260
KANSAS	110	24	26	51	26	26	136	1,272	116	255
MINNESOTA	278	28	47	214	35	46	211	2,537	195	353
MISSOURI	187	66	39	187	58	85	319	2,718	212	406
NEBRASKA	89	23	21	24	13	14	103	686	47	112
NORTH DAKOTA	105	2	9	5	5	2	39	207	19	68
SOUTH DAKOTA	109	6	28	1	5	5	50	237	19	49
SOUTH ATLANTIC	2,333	371	410	2,273	715	585	4,718	14,386	1,004	2,987
DELAWARE	32	3	2	23	6	5	35	2,387	68	197
DISTRICT OF COLUMBIA	831	164	192	472	293	293	2,039	1,109	69	317
FLORIDA	239	26	23	320	24	26	376	1,895	207	621
GEORGIA	219	27	36	80	33	36	246	1,474	120	268
MARYLAND	349	73	45	915	196	107	1,114	1,570	139	552
NORTH CAROLINA	198	21	34	79	25	29	271	1,984	141	393
SOUTH CAROLINA	71	11	13	23	7	6	82	846	56	113
VIRGINIA	254	31	41	347	120	78	477	1,953	148	425
WEST VIRGINIA	140	15	24	14	11	5	78	1,168	56	101
EAST SOUTH CENTRAL	496	78	84	548	39	64	506	4,290	335	683
ALABAMA	123	10	17	381	13	13	144	877	70	134
KENTUCKY	113	13	19	26	7	14	123	1,201	99	186
MISSISSIPPI	97	21	19	20	4	6	69	547	41	71
TENNESSEE	163	34	29	121	15	31	170	1,665	125	292
WEST SOUTH CENTRAL	723	108	91	946	150	84	908	14,602	784	1,493
ARKANSAS	75	17	16	12	6	10	63	447	26	74
LOUISIANA	111	10	17	84	8	13	174	2,801	150	249
OKLAHOMA	144	17	18	53	40	7	156	2,383	109	239
TEXAS	393	64	40	797	96	54	515	8,971	499	931
MOUNTAIN	2,246	187	268	811	112	132	1,166	5,287	360	1,155
ARIZONA	227	23	35	146	7	17	157	923	81	246
COLORADO	749	58	50	368	38	55	456	1,924	126	381
IDAHO	245	26	34	10	12	4	59	340	11	54
MONTANA	281	26	50	11	11	15	109	370	16	79
NEVADA	139	3	11	22	5	7	44	211	19	47
NEW MEXICO	205	25	37	174	18	19	145	464	50	128
UTAH	231	12	30	67	10	12	146	688	36	165
WYOMING	169	14	21	13	11	3	50	367	21	55
PACIFIC	2,746	374	206	3,495	625	416	2,430	15,957	1,276	3,497
ALASKA	211	12	11	25	22	7	63	159	11	26
CALIFORNIA	1,345	250	98	3,188	443	333	1,639	12,459	915	2,685
HAWAII	70	10	10	41	15	13	111	328	45	81
OREGON	629	47	48	35	26	27	268	1,150	103	301
WASHINGTON	491	55	39	206	119	36	349	1,861	202	404
U.S. TERRITORIES AND POSSESSIONS	23	4	11	11	11	4	59	194	20	35
CANAL ZONE	4	2	2	------	2	------	15	2	------	1
GUAM	1	------	2	4	2	------	8	3	2	1
PUERTO RICO	13	2	5	7	7	2	33	183	18	32
VIRGIN ISLANDS	5	------	2	------	------	2	3	6	------	1
FOREIGN	102	32	97	39	30	24	497	2,542	59	232

(A)OF THIS NUMBER, 37,036 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-38. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, HIGHEST DEGREE, AND PROGRAM, 1968

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
ALL FIELDS	297,942	127,415(A)	15,428	12,343	31,865	18,817	30,703	951	2,975
DOCTORATE	111,206	53,993	7,433	6,342	10,132	9,110	17,482	341	1,603
PROFESSIONAL MEDICAL	7,455	5,207	113	117	277	399	4,523	4	57
MASTER'S	86,717	33,540	3,679	2,866	9,959	6,412	4,433	334	785
BACHELOR'S	89,141	33,400	4,087	2,949	10,975	2,805	4,078	257	502
LESS THAN BACHELOR'S	353	84	18	3	19	5	9	------	4
NO REPORT	3,070	1,191	98	66	503	86	178	15	24
CHEMISTRY	93,788	25,967	2,024	4,025	7,670	3,148	7,335	94	254
DOCTORATE	28,973	9,872	998	1,709	2,439	1,433	3,512	36	97
PROFESSIONAL MEDICAL	211	99	3	1	13	5	80	------	------
MASTER'S	20,121	5,284	394	818	1,539	768	1,225	19	60
BACHELOR'S	43,127	10,474	605	1,475	3,598	931	2,461	37	96
LESS THAN BACHELOR'S	160	17	2	------	6	2	3	------	------
NO REPORT	1,196	221	22	22	75	9	54	2	1
EARTH & MARINE SCIENCES	23,746	6,910	390	443	1,504	817	216	106	296
DOCTORATE	4,956	2,166	110	166	372	347	90	19	103
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	------
MASTER'S	7,651	2,077	115	116	457	295	57	41	94
BACHELOR'S	10,893	2,631	164	159	664	171	68	46	99
LESS THAN BACHELOR'S	59	4	------	1	1	------	------	------	------
NO REPORT	186	32	1	1	10	4	1	------	------
ATMOSPHERIC & SPACE SCIENCES	5,745	5,067	356	200	2,422	198	230	21	117
DOCTORATE	514	433	56	36	151	46	44	1	22
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------
MASTER'S	1,555	1,343	93	76	650	65	77	7	32
BACHELOR'S	3,168	2,855	183	75	1,385	77	94	12	56
LESS THAN BACHELOR'S	39	29	4	------	5	2	4	------	2
NO REPORT	469	407	20	13	231	8	11	1	5
PHYSICS	32,491	20,190	98	5,401	9,335	2,030	900	46	162
DOCTORATE	14,311	9,545	39	3,271	3,906	955	470	21	95
PROFESSIONAL MEDICAL	7	7	------	------	5	------	------	------	------
MASTER'S	10,776	6,010	31	1,245	2,927	719	267	11	32
BACHELOR'S	7,239	4,543	28	873	2,445	351	159	12	35
LESS THAN BACHELOR'S	5	1	------	------	1	------	------	------	------
NO REPORT	153	84	------	12	51	5	4	2	------
MATHEMATICS	24,477	8,757	86	469	4,175	2,106	487	62	117
DOCTORATE	6,929	2,689	24	158	976	694	140	11	40
PROFESSIONAL MEDICAL	3	------	------	------	------	------	------	------	------
MASTER'S	12,094	4,004	34	209	2,000	1,098	213	25	42
BACHELOR'S	5,147	1,964	25	95	1,144	300	122	22	32
LESS THAN BACHELOR'S	29	6	------	1	3	------	------	------	------
NO REPORT	275	94	3	6	52	14	12	4	3
COMPUTER SCIENCES	6,972	3,667	47	367	2,209	288	303	34	39
DOCTORATE	469	264	6	34	155	53	39	4	4
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	------
MASTER'S	2,736	1,479	20	157	921	108	97	14	13
BACHELOR'S	3,513	1,911	19	169	1,069	115	152	13	18
LESS THAN BACHELOR'S	3	2	------	1	1	------	------	------	------
NO REPORT	250	111	2	6	63	12	15	3	4
AGRICULTURAL SCIENCES	12,740	8,858	4,760	89	278	335	161	46	149
DOCTORATE	2,332	1,680	1,385	47	23	85	64	8	71
PROFESSIONAL MEDICAL	3	1	1	------	------	------	------	------	------
MASTER'S	3,417	2,281	1,192	21	80	117	45	15	43
BACHELOR'S	6,880	4,837	2,149	20	173	133	51	23	34
LESS THAN BACHELOR'S	13	8	6	------	------	------	------	------	------
NO REPORT	95	51	27	1	2	------	1	------	1
BIOLOGICAL SCIENCES	46,183	27,356	5,934	1,159	1,612	3,182	15,205	63	357
DOCTORATE	22,344	14,705	3,764	831	709	1,342	8,774	28	243
PROFESSIONAL MEDICAL	7,185	5,080	109	116	257	389	4,434	3	54
MASTER'S	10,064	4,402	1,232	140	347	903	1,203	14	36
BACHELOR'S	6,363	3,047	805	67	291	537	726	18	22
LESS THAN BACHELOR'S	31	13	6	------	1	------	1	------	2
NO REPORT	196	109	18	5	7	11	67	------	------

APPENDIX TABLE A-38. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, HIGHEST DEGREE, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL FIELDS	12,685	1,787	1,802	13,012	2,823	2,464	16,796	137,181	10,192	23,154
DOCTORATE	3,688	323	534	5,037	743	1,042	6,916	48,706	2,404	6,103
PROFESSIONAL MEDICAL	17	3	3	83	10	11	336	1,860	154	234
MASTER'S	3,404	514	511	3,788	936	846	4,439	41,274	3,802	8,10'
BACHELOR'S	5,471	924	738	3,970	1,084	550	4,833	43,666	3,700	8,375
LESS THAN BACHELOR'S	12	6	3	5	5	1	22	237	11	21
NO REPORT	93	17	13	129	45	14	250	1,438	121	320
CHEMISTRY	1,609	250	54	3,266	418	134	2,983	54,436	3,953	9,432
DOCTORATE	615	65	25	1,223	94	60	970	16,590	562	1,949
PROFESSIONAL MEDICAL	------	------	------	1	2	------	11	79	12	21
MASTER'S	357	55	12	695	103	31	620	11,907	878	2,052
BACHELOR'S	619	124	16	1,319	212	43	1,351	25,032	2,433	5,188
LESS THAN BACHELOR'S	------	1	------	2	------	------	1	124	10	9
NO REPORT	18	5	1	26	7	------	30	704	58	213
EARTH & MARINE SCIENCES	2,516	591	169	526	330	299	1,315	14,602	578	1,656
DOCTORATE	838	55	30	254	50	60	450	2,491	66	233
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	1	------	------
MASTER'S	748	154	61	132	85	115	365	4,778	213	583
BACHELOR'S	921	381	77	137	194	124	489	7,155	292	815
LESS THAN BACHELOR'S	3	1	------	1	------	------	------	49	1	5
NO REPORT	6	------	1	2	1	------	11	128	6	20
ATMOSPHERIC & SPACE SCIENCES	420	79	24	496	319	48	1,686	415	49	214
DOCTORATE	104	7	2	92	17	9	128	48	4	29
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------
MASTER'S	135	15	10	184	70	23	358	118	14	80
BACHELOR'S	160	51	11	200	207	15	1,047	193	28	92
LESS THAN BACHELOR'S	2	2	------	1	5	------	14	8	------	2
NO REPORT	19	4	1	19	20	1	139	48	3	11
PHYSICS	355	49	12	5,116	338	94	1,931	8,515	794	2,992
DOCTORATE	157	22	5	2,352	137	46	1,032	3,686	224	856
PROFESSIONAL MEDICAL	------	------	------	3	------	------	------	------	------	------
MASTER'S	91	16	3	1,476	108	30	532	3,070	347	1,349
BACHELOR'S	104	10	4	1,255	88	17	361	1,704	219	773
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	4	------	------
NO REPORT	3	1	------	30	5	1	6	51	4	14
MATHEMATICS	160	90	24	1,443	415	188	1,293	12,743	1,111	1,866
DOCTORATE	37	15	4	362	100	41	704	3,311	301	628
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	2	------	1
MASTER'S	77	38	12	640	184	96	383	6,500	647	943
BACHELOR'S	44	35	8	422	125	48	192	2,755	158	270
LESS THAN BACHELOR'S	------	------	------	------	------	------	2	21	------	2
NO REPORT	2	2	------	19	6	3	12	154	5	22
COMPUTER SCIENCES	67	45	11	928	194	93	267	2,776	240	289
DOCTORATE	5	3	1	42	15	17	32	170	8	27
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	1	------	------
MASTER'S	23	14	7	352	87	31	93	1,041	97	119
BACHELOR'S	34	26	2	505	89	42	129	1,444	118	140
LESS THAN BACHELOR'S	------	------	------	1	------	------	------	1	------	------
NO REPORT	5	2	1	28	3	3	13	119	17	3
AGRICULTURAL SCIENCES	4,242	259	662	34	77	158	792	3,388	185	309
DOCTORATE	350	5	40	9	6	14	61	584	32	36
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	2	------	------
MASTER'S	1,054	62	135	12	15	48	207	942	79	115
BACHELOR'S	2,808	192	483	13	56	95	519	1,817	72	154
LESS THAN BACHELOR'S	3	------	2	------	------	------	1	5	------	------
NO REPORT	27	------	2	------	------	1	4	38	2	4
BIOLOGICAL SCIENCES	2,592	131	202	611	96	124	2,277	14,861	1,279	2,687
DOCTORATE	1,177	35	62	363	33	43	1,102	6,449	354	836
PROFESSIONAL MEDICAL	16	3	3	79	7	9	319	1,755	139	211
MASTER'S	673	32	48	106	24	32	488	4,139	491	1,032
BACHELOR'S	714	59	87	62	32	39	354	2,438	284	594
LESS THAN BACHELOR'S	3	1	------	------	------	------	1	17	------	1
NO REPORT	9	1	2	1	------	1	13	63	11	13

APPENDIX TABLE A-38. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, HIGHEST DEGREE, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
PSYCHOLOGY	23,077	10,024	33	38	1,245	4,366	3,905	54	149
DOCTORATE	14,794	6,940	24	24	811	2,742	3,210	43	131
PROFESSIONAL MEDICAL	14	5	------	------	1	1	3	------	------
MASTER'S	8,000	2,971	8	12	410	1,589	656	10	17
BACHELOR'S	248	100	1	2	23	32	32	1	1
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	21	8	------	------	------	2	4	------	------
STATISTICS	2,639	1,545	119	80	447	127	525	31	34
DOCTORATE	929	527	51	29	153	62	218	2	11
PROFESSIONAL MEDICAL	2	2	------	------	------	------	2	------	------
MASTER'S	1,147	635	44	41	205	47	202	14	10
BACHELOR'S	531	364	23	10	86	17	100	14	10
LESS THAN BACHELOR'S	3	1	------	------	1	------	1	------	------
NO REPORT	27	16	1	------	2	1	2	1	3
ECONOMICS	11,510	4,353	1,360	41	464	617	265	215	698
DOCTORATE	6,112	2,296	823	20	170	345	162	89	375
PROFESSIONAL MEDICAL	2	1	------	------	------	1	------	------	------
MASTER'S	4,306	1,604	466	19	230	225	78	87	254
BACHELOR'S	1,027	433	70	2	62	43	25	38	64
LESS THAN BACHELOR'S	8	2	------	------	------	------	------	------	------
NO REPORT	55	17	1	------	2	3	------	1	5
SOCIOLOGY	6,638	2,311	176	6	97	735	875	105	171
DOCTORATE	3,396	1,328	121	3	55	445	525	40	117
PROFESSIONAL MEDICAL	3	------	------	------	------	------	------	------	------
MASTER'S	2,507	740	41	2	33	221	267	51	38
BACHELOR'S	698	228	12	1	8	65	78	14	15
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	34	15	2	------	1	4	5	------	1
POLITICAL SCIENCE	5,176	1,484	27	20	305	492	116	65	334
DOCTORATE	3,034	807	16	11	145	268	68	30	212
PROFESSIONAL MEDICAL	14	5	------	------	1	1	------	1	2
MASTER'S	1,897	593	8	8	138	201	40	26	102
BACHELOR'S	157	68	2	1	18	17	8	7	17
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	74	11	1	------	3	5	------	1	1
ANTHROPOLOGY	1,219	476	16	3	25	117	142	9	59
DOCTORATE	1,158	455	15	3	23	112	136	9	58
PROFESSIONAL MEDICAL	7	6	------	------	------	2	4	------	1
MASTER'S	33	11	1	------	1	2	1	------	------
BACHELOR'S	16	3	------	------	1	------	------	------	------
LESS THAN BACHELOR'S	2	------	------	------	------	------	------	------	------
NO REPORT	3	1	------	------	------	1	1	------	------
LINGUISTICS	1,541	450	2	2	77	259	38	------	39
DOCTORATE	955	286	1	------	44	181	30	------	24
PROFESSIONAL MEDICAL	2	1	------	------	------	------	------	------	------
MASTER'S	413	106	------	2	21	54	5	------	12
BACHELOR'S	134	42	1	------	8	16	2	------	3
LESS THAN BACHELOR'S	1	1	------	------	------	1	------	------	------
NO REPORT	36	14	------	------	4	7	1	------	------

(A)OF THIS NUMBER, 37,036 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-38. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, HIGHEST DEGREE, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
PSYCHOLOGY	31	24	46	309	163	249	1,645	10,567	1,119	1,367
DOCTORATE	21	13	30	212	105	191	1,099	6,696	483	675
PROFESSIONAL MEDICAL	------	------	------	------	------	1	1	7	2	------
MASTER'S	10	11	16	86	50	56	521	3,745	617	667
BACHELOR'S	------	------	------	10	8	1	22	112	16	20
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	1	------	------	2	7	1	5
STATISTICS	53	14	6	109	54	39	314	843	92	159
DOCTORATE	16	2	------	36	14	6	73	316	32	54
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------
MASTER'S	20	7	3	52	23	18	115	378	54	80
BACHELOR'S	16	5	3	21	16	15	121	138	5	24
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	2	------	------
NO REPORT	1	------	------	------	1	------	5	9	1	1
ECONOMICS	522	180	361	94	307	502	1,044	6,248	259	650
DOCTORATE	283	66	180	41	118	242	530	3,440	122	254
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	1	------	------
MASTER'S	190	81	148	36	143	189	360	2,254	111	337
BACHELOR'S	46	31	30	16	44	68	145	514	26	54
LESS THAN BACHELOR'S	1	1	1	------	------	1	2	5	------	1
NO REPORT	2	1	2	1	2	2	7	34	------	4
SOCIOLOGY	43	28	142	21	43	311	591	3,240	233	854
DOCTORATE	34	12	95	14	20	175	303	1,807	62	199
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	3	------	------
MASTER'S	6	10	33	4	17	102	219	1,183	132	452
BACHELOR'S	2	5	11	2	6	33	65	231	37	202
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	1	1	3	1	------	1	4	16	2	1
POLITICAL SCIENCE	46	34	55	49	59	203	366	3,154	178	360
DOCTORATE	26	13	28	30	26	118	195	1,995	79	153
PROFESSIONAL MEDICAL	------	------	------	------	1	1	4	8	1	------
MASTER'S	17	17	22	11	25	74	145	1,020	89	195
BACHELOR'S	3	4	5	7	7	9	21	76	4	9
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	1	------	1	1	55	5	3
ANTHROPOLOGY	28	12	32	6	9	19	187	577	43	123
DOCTORATE	24	10	31	6	8	19	179	555	37	111
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	------	1
MASTER'S	3	2	1	------	1	------	6	12	5	5
BACHELOR'S	------	------	------	------	------	------	2	8	------	5
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	1	------	1
NO REPORT	------	------	------	------	------	------	------	1	1	------
LINGUISTICS	1	1	2	4	1	3	105	816	79	196
DOCTORATE	1	------	1	1	------	1	58	568	38	63
PROFESSIONAL MEDICAL	------	------	------	------	------	------	1	1	------	------
MASTER'S	------	------	------	2	1	1	27	187	28	92
BACHELOR'S	------	1	1	1	------	1	15	49	8	35
LESS THAN BACHELOR'S	------	------	------	------	------	------	1	------	------	------
NO REPORT	------	------	------	------	------	------	3	11	5	6

APPENDIX TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1968

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
ALL FIELDS	297,942	127,415(A)	15,428	12,343	31,865	18,817	30,703	951	2,975
EDUCATIONAL INSTITUTIONS	117,746	56,508	7,333	6,397	5,798	15,191	18,698	247	1,107
FEDERAL GOVERNMENT	29,666	29,666	6,303	1,122	7,039	919	3,652	245	940
OTHER GOVERNMENT	10,031	5,533	758	186	187	593	1,545	90	119
NONPROFIT ORGANIZATIONS	11,204	6,650	282	723	2,031	874	3,047	121	276
INDUSTRY AND BUSINESS	95,776	19,021	448	3,392	11,898	521	1,769	186	312
SELF-EMPLOYED	6,462	1,032	112	49	176	190	332	34	43
MILITARY	7,155	7,155	43	239	4,459	205	1,025	9	105
OTHER	1,729	779	65	149	128	168	176	12	59
NOT EMPLOYED	12,707	------	------	------	------	------	------	------	------
NO REPORT	5,466	1,071	84	86	149	156	459	7	14
CHEMISTRY	93,788	25,967	2,024	4,025	7,670	3,148	7,335	94	254
EDUCATIONAL INSTITUTIONS	20,510	10,409	742	1,576	1,036	2,782	4,176	18	53
FEDERAL GOVERNMENT	5,247	5,247	873	382	1,722	111	1,036	23	73
OTHER GOVERNMENT	1,221	651	43	95	53	32	295	6	7
NONPROFIT ORGANIZATIONS	2,121	1,256	111	275	354	68	608	14	36
INDUSTRY AND BUSINESS	53,291	6,297	205	1,471	3,504	55	816	29	63
SELF-EMPLOYED	1,069	130	22	16	46	12	24	2	5
MILITARY	1,442	1,442	4	89	855	39	189	1	11
OTHER	539	241	13	97	49	19	58	1	4
NOT EMPLOYED	6,180	------	------	------	------	------	------	------	------
NO REPORT	2,168	294	11	24	51	30	133	------	2
EARTH & MARINE SCIENCES	23,746	6,910	390	443	1,504	817	216	106	296
EDUCATIONAL INSTITUTIONS	5,890	2,110	102	136	316	658	85	17	78
FEDERAL GOVERNMENT	2,982	2,982	215	147	568	50	58	25	104
OTHER GOVERNMENT	1,064	511	21	10	17	25	33	23	8
NONPROFIT ORGANIZATIONS	249	158	6	19	70	32	12	2	14
INDUSTRY AND BUSINESS	9,809	618	28	119	270	15	18	35	56
SELF-EMPLOYED	2,019	102	12	6	17	10	6	3	11
MILITARY	373	373	3	4	239	13	3	------	15
OTHER	92	32	3	2	2	4	1	1	10
NOT EMPLOYED	882	------	------	------	------	------	------	------	------
NO REPORT	386	24	------	------	5	10	------	------	------
ATMOSPHERIC & SPACE SCIENCES	5,745	5,067	356	200	2,422	198	230	21	117
EDUCATIONAL INSTITUTIONS	757	560	68	33	136	91	46	------	15
FEDERAL GOVERNMENT	1,857	1,857	256	83	427	51	109	20	67
OTHER GOVERNMENT	72	56	3	4	12	3	10	------	------
NONPROFIT ORGANIZATIONS	114	102	2	23	51	7	21	------	7
INDUSTRY AND BUSINESS	537	269	19	31	161	6	33	------	7
SELF-EMPLOYED	36	10	------	------	3	------	3	------	------
MILITARY	2,184	2,184	8	25	1,618	39	7	1	21
OTHER	26	13	------	1	7	1	------	------	------
NOT EMPLOYED	107	------	------	------	------	------	------	------	------
NO REPORT	55	16	------	------	7	------	1	------	------
PHYSICS	32,491	20,190	98	5,401	9,335	2,030	900	46	162
EDUCATIONAL INSTITUTIONS	15,522	9,286	34	3,516	2,318	1,816	476	6	36
FEDERAL GOVERNMENT	3,717	3,717	32	299	2,047	55	84	10	57
OTHER GOVERNMENT	86	48	2	9	8	11	15	2	5
NONPROFIT ORGANIZATIONS	882	737	9	194	458	37	89	8	16
INDUSTRY AND BUSINESS	9,436	5,577	20	1,253	3,976	74	188	17	38
SELF-EMPLOYED	249	91	------	12	57	11	9	2	2
MILITARY	603	603	1	78	442	10	24	------	6
OTHER	41	10	------	1	1	7	1	------	1
NOT EMPLOYED	1,132	------	------	------	------	------	------	------	------
NO REPORT	823	121	------	39	28	9	14	1	1
MATHEMATICS	24,477	8,757	86	469	4,175	2,106	487	62	117
EDUCATIONAL INSTITUTIONS	12,837	3,526	27	146	655	1,757	184	9	30
FEDERAL GOVERNMENT	1,354	1,354	19	38	774	59	65	7	22
OTHER GOVERNMENT	308	175	3	16	28	58	18	1	2
NONPROFIT ORGANIZATIONS	681	527	6	41	391	47	72	19	23
INDUSTRY AND BUSINESS	7,289	2,478	27	187	1,892	98	110	18	25
SELF-EMPLOYED	222	51	2	6	17	8	10	5	------
MILITARY	481	481	1	12	367	23	15	2	8
OTHER	219	102	------	20	31	35	9	1	6
NOT EMPLOYED	786	------	------	------	------	------	------	------	------
NO REPORT	300	63	1	3	20	21	4	------	1

APPENDIX TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL FIELDS	12,685	1,787	1,802	13,012	2,823	2,464	16,796	137,181	10,192	23,154
EDUCATIONAL INSTITUTIONS	3,127	191	503	3,519	372	836	6,625	50,390	5,980	4,868
FEDERAL GOVERNMENT	6,339	812	882	2,275	667	488	5,965	------	------	------
OTHER GOVERNMENT	1,712	283	208	73	294	264	788	3,726	455	317
NONPROFIT ORGANIZATIONS	343	72	61	748	283	312	687	3,857	421	276
INDUSTRY AND BUSINESS	890	330	89	5,866	1,020	424	710	72,484	3,068	1,203
SELF-EMPLOYED	100	49	23	85	41	76	163	5,137	139	154
MILITARY	71	21	9	302	111	16	1,560	------	------	------
OTHER	46	21	19	66	22	31	138	821	54	75
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	12,707
NO REPORT	57	8	8	78	13	17	160	766	75	3,554
CHEMISTRY	1,609	250	54	3,266	418	134	2,983	54,436	3,953	9,432
EDUCATIONAL INSTITUTIONS	429	37	18	685	34	29	1,213	7,670	1,485	946
FEDERAL GOVERNMENT	599	46	15	384	52	11	852	------	------	------
OTHER GOVERNMENT	58	49	2	18	33	11	78	459	78	33
NONPROFIT ORGANIZATIONS	114	16	7	198	34	27	113	708	118	39
INDUSTRY AND BUSINESS	369	85	8	1,838	247	44	268	44,216	2,178	600
SELF-EMPLOYED	13	9	2	21	1	3	19	882	34	23
MILITARY	16	3	1	67	13	6	368	------	------	------
OTHER	5	5	1	26	3	3	21	245	28	25
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	6,180
NO REPORT	6	------	------	29	1	------	51	256	32	1,586
EARTH & MARINE SCIENCES	2,516	591	169	526	330	299	1,315	14,602	578	1,656
EDUCATIONAL INSTITUTIONS	567	30	26	202	39	51	446	3,226	304	250
FEDERAL GOVERNMENT	1,509	303	79	171	49	94	580	------	------	------
OTHER GOVERNMENT	177	124	28	4	155	80	67	488	37	28
NONPROFIT ORGANIZATIONS	46	3	6	21	11	10	33	76	11	4
INDUSTRY AND BUSINESS	158	101	22	95	54	52	49	8,862	210	119
SELF-EMPLOYED	32	21	6	7	6	9	17	1,849	13	55
MILITARY	15	4	2	23	12	------	112	------	------	------
OTHER	8	3	------	1	2	2	8	53	2	5
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	882
NO REPORT	4	2	------	2	2	1	3	48	1	313
ATMOSPHERIC & SPACE SCIENCES	420	79	24	496	319	48	1,686	415	49	214
EDUCATIONAL INSTITUTIONS	127	3	------	98	8	4	157	117	31	49
FEDERAL GOVERNMENT	196	59	22	179	224	29	946	------	------	------
OTHER GOVERNMENT	12	2	------	2	6	------	9	9	2	5
NONPROFIT ORGANIZATIONS	20	3	------	25	10	6	29	7	------	5
INDUSTRY AND BUSINESS	50	8	2	96	24	7	15	241	12	15
SELF-EMPLOYED	4	------	------	1	------	------	2	24	1	1
MILITARY	8	4	------	90	45	1	522	------	------	------
OTHER	2	------	------	2	2	------	1	10	1	2
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	107
NO REPORT	1	------	------	3	------	1	5	7	2	30
PHYSICS	355	49	12	5,116	338	94	1,931	8,515	794	2,992
EDUCATIONAL INSTITUTIONS	105	6	2	1,707	54	14	1,131	4,614	603	1,019
FEDERAL GOVERNMENT	94	10	2	1,071	58	9	563	------	------	------
OTHER GOVERNMENT	2	2	1	4	2	2	3	31	3	4
NONPROFIT ORGANIZATIONS	22	5	3	249	33	19	34	119	4	22
INDUSTRY AND BUSINESS	126	19	4	1,971	171	45	90	3,552	170	137
SELF-EMPLOYED	5	3	------	33	7	2	4	139	8	11
MILITARY	------	3	------	53	9	1	87	------	------	------
OTHER	1	------	------	4	------	1	2	27	3	1
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	1,132
NO REPORT	------	1	------	24	4	1	17	33	3	666
MATHEMATICS	160	90	24	1,443	415	188	1,293	12,743	1,111	1,866
EDUCATIONAL INSTITUTIONS	37	15	5	270	58	33	785	7,613	939	739
FEDERAL GOVERNMENT	38	15	6	196	55	18	241	------	------	------
OTHER GOVERNMENT	4	5	2	8	14	7	29	105	9	19
NONPROFIT ORGANIZATIONS	18	8	3	88	61	40	36	323	10	21
INDUSTRY AND BUSINESS	53	34	5	838	200	75	84	4,577	140	94
SELF-EMPLOYED	4	4	1	11	11	8	9	156	8	7
MILITARY	1	3	1	11	6	------	82	------	------	------
OTHER	2	3	1	12	6	3	17	110	2	5
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	786
NO REPORT	3	3	------	9	4	4	10	59	3	175

APPENDIX TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
COMPUTER SCIENCES	6,972	3,667	47	367	2,209	288	303	34	39
EDUCATIONAL INSTITUTIONS	921	563	17	122	190	145	110	5	4
FEDERAL GOVERNMENT	516	516	12	28	254	15	30	3	6
OTHER GOVERNMENT	102	58	------	11	7	4	14	3	------
NONPROFIT ORGANIZATIONS	475	418	7	27	295	37	57	11	8
INDUSTRY AND BUSINESS	4,513	1,897	10	160	1,313	72	72	11	18
SELF-EMPLOYED	45	16	1	2	11	2	5	1	1
MILITARY	141	141	------	------	107	7	11	------	2
OTHER	62	43	------	15	19	5	3	------	------
NOT EMPLOYED	147	------	------	------	------	------	------	------	------
NO REPORT	50	15	------	2	13	1	1	------	------
AGRICULTURAL SCIENCES	12,740	8,858	4,760	89	278	335	161	46	149
EDUCATIONAL INSTITUTIONS	2,933	2,111	1,753	53	19	191	82	11	54
FEDERAL GOVERNMENT	4,785	4,785	2,411	22	132	95	50	27	64
OTHER GOVERNMENT	2,104	1,547	458	6	10	34	12	3	10
NONPROFIT ORGANIZATIONS	148	37	19	5	1	3	3	------	5
INDUSTRY AND BUSINESS	2,016	78	42	1	4	3	4	2	8
SELF-EMPLOYED	250	61	39	------	------	1	1	1	1
MILITARY	184	184	6	1	111	6	7	1	2
OTHER	68	24	14	------	1	2	1	------	5
NOT EMPLOYED	175	------	------	------	------	------	------	------	------
NO REPORT	77	31	18	1	------	------	1	1	------
BIOLOGICAL SCIENCES	46,183	27,356	5,934	1,159	1,612	3,182	15,205	63	357
EDUCATIONAL INSTITUTIONS	27,141	16,836	3,542	773	420	2,765	10,322	20	188
FEDERAL GOVERNMENT	5,080	5,080	1,939	97	504	140	1,399	22	78
OTHER GOVERNMENT	2,020	1,229	199	29	37	83	599	6	17
NONPROFIT ORGANIZATIONS	2,893	1,677	86	96	89	104	1,426	1	26
INDUSTRY AND BUSINESS	4,521	605	54	112	136	15	324	7	9
SELF-EMPLOYED	838	206	28	2	7	10	145	2	1
MILITARY	1,227	1,227	18	23	399	34	676	3	23
OTHER	255	124	27	10	5	17	53	1	12
NOT EMPLOYED	1,268	------	------	------	------	------	------	------	------
NO REPORT	940	372	41	17	15	34	261	1	3
PSYCHOLOGY	23,077	10,024	33	38	1,245	4,366	3,905	54	149
EDUCATIONAL INSTITUTIONS	12,810	5,475	15	11	309	3,211	2,045	25	67
FEDERAL GOVERNMENT	1,443	1,443	2	2	313	152	510	4	25
OTHER GOVERNMENT	1,977	795	------	2	8	293	424	2	3
NONPROFIT ORGANIZATIONS	2,318	1,075	4	13	131	387	568	15	32
INDUSTRY AND BUSINESS	1,747	575	9	7	318	117	131	6	14
SELF-EMPLOYED	1,402	277	1	1	7	115	115	1	4
MILITARY	256	256	------	2	152	18	60	------	1
OTHER	176	76	2	------	7	39	26	1	3
NOT EMPLOYED	744	------	------	------	------	------	------	------	------
NO REPORT	204	52	------	------	------	34	26	------	------
STATISTICS	2,639	1,545	119	80	447	127	525	31	34
EDUCATIONAL INSTITUTIONS	889	458	49	13	104	76	228	2	5
FEDERAL GOVERNMENT	588	588	61	4	115	21	161	19	20
OTHER GOVERNMENT	149	85	2	3	4	3	36	4	2
NONPROFIT ORGANIZATIONS	132	98	2	16	31	15	50	3	2
INDUSTRY AND BUSINESS	692	252	3	39	174	5	25	2	1
SELF-EMPLOYED	21	6	------	1	1	3	1	------	------
MILITARY	36	36	------	2	12	1	17	------	------
OTHER	24	13	------	2	3	2	4	1	4
NOT EMPLOYED	71	------	------	------	------	------	------	------	------
NO REPORT	37	9	2	------	3	1	3	------	------
ECONOMICS	11,510	4,353	1,360	41	464	617	265	215	698
EDUCATIONAL INSTITUTIONS	6,681	2,078	818	6	103	436	132	52	252
FEDERAL GOVERNMENT	1,417	1,417	454	13	86	71	44	57	270
OTHER GOVERNMENT	517	180	21	1	1	21	12	18	45
NONPROFIT ORGANIZATIONS	505	235	28	10	98	42	37	24	59
INDUSTRY AND BUSINESS	1,636	271	28	11	99	36	32	50	54
SELF-EMPLOYED	186	46	5	------	5	4	4	9	8
MILITARY	97	97	------	------	72	6	2	------	5
OTHER	41	12	1	------	------	1	2	3	3
NOT EMPLOYED	315	------	------	------	------	------	------	------	------
NO REPORT	115	17	5	------	------	------	------	2	2

APPENDIX TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
COMPUTER SCIENCES	67	45	11	928	194	93	267	2,776	240	289
EDUCATIONAL INSTITUTIONS	10	2	2	69	13	17	58	248	68	42
FEDERAL GOVERNMENT	20	7	1	75	17	5	101	------	------	------
OTHER GOVERNMENT	3	5	1	7	7	7	9	38	1	5
NONPROFIT ORGANIZATIONS	10	8	3	78	38	27	22	44	4	9
INDUSTRY AND BUSINESS	24	21	3	682	117	34	54	2,394	162	60
SELF-EMPLOYED	------	1	------	3	------	2	------	28	1	------
MILITARY	------	1	1	4	2	------	21	------	------	------
OTHER	------	------	------	10	------	1	1	14	2	3
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	147
NO REPORT	------	------	------	------	------	------	1	10	2	23
AGRICULTURAL SCIENCES	4,242	259	662	34	77	158	792	3,388	185	309
EDUCATIONAL INSTITUTIONS	394	9	61	14	8	24	65	668	116	38
FEDERAL GOVERNMENT	2,653	193	461	15	39	106	480	------	------	------
OTHER GOVERNMENT	1,095	46	124	2	17	23	172	487	37	33
NONPROFIT ORGANIZATIONS	13	1	6	------	1	1	2	110	1	------
INDUSTRY AND BUSINESS	25	4	2	1	3	2	8	1,884	25	29
SELF-EMPLOYED	25	4	4	------	1	1	5	184	2	3
MILITARY	12	2	------	1	8	------	54	------	------	------
OTHER	7	------	3	1	------	------	5	38	2	4
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	175
NO REPORT	18	------	1	------	------	1	1	17	2	27
BIOLOGICAL SCIENCES	2,592	131	202	611	96	124	2,277	14,861	1,279	2,687
EDUCATIONAL INSTITUTIONS	1,107	27	58	281	17	41	1,065	8,524	979	802
FEDERAL GOVERNMENT	985	64	104	99	37	40	673	------	------	------
OTHER GOVERNMENT	334	21	21	25	10	15	109	640	83	68
NONPROFIT ORGANIZATIONS	64	3	1	42	4	3	88	1,044	95	77
INDUSTRY AND BUSINESS	43	11	7	116	14	9	30	3,752	87	77
SELF-EMPLOYED	9	2	2	3	4	5	26	603	11	18
MILITARY	16	1	2	33	8	4	219	------	------	------
OTHER	12	------	3	3	1	3	24	119	4	8
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	1,268
NO REPORT	22	2	4	9	1	3	43	179	20	369
PSYCHOLOGY	31	24	46	309	163	249	1,645	10,567	1,119	1,367
EDUCATIONAL INSTITUTIONS	17	8	23	95	32	107	579	6,276	688	371
FEDERAL GOVERNMENT	6	3	10	42	28	22	517	------	------	------
OTHER GOVERNMENT	------	1	1	3	4	19	175	963	175	44
NONPROFIT ORGANIZATIONS	6	7	8	20	29	50	182	1,020	151	72
INDUSTRY AND BUSINESS	2	5	3	127	65	33	53	1,100	40	32
SELF-EMPLOYED	------	------	1	2	2	14	65	1,048	54	23
MILITARY	------	------	------	16	------	1	50	------	------	------
OTHER	------	------	------	4	3	2	16	88	6	6
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	744
NO REPORT	------	------	------	------	------	1	8	72	5	75
STATISTICS	53	14	6	109	54	39	314	843	92	159
EDUCATIONAL INSTITUTIONS	17	3	1	23	5	7	48	329	55	47
FEDERAL GOVERNMENT	28	6	4	12	17	13	208	------	------	------
OTHER GOVERNMENT	2	2	------	------	8	7	28	51	8	5
NONPROFIT ORGANIZATIONS	1	1	1	8	8	5	8	30	1	3
INDUSTRY AND BUSINESS	5	1	------	63	14	5	11	402	26	12
SELF-EMPLOYED	------	------	------	1	------	1	------	13	1	1
MILITARY	------	------	------	1	1	------	6	------	------	------
OTHER	------	1	------	1	1	1	3	9	------	2
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	71
NO REPORT	------	------	------	------	------	------	2	9	1	18
ECONOMICS	522	180	361	94	307	502	1,044	6,248	259	650
EDUCATIONAL INSTITUTIONS	244	30	149	34	63	181	375	4,200	221	182
FEDERAL GOVERNMENT	190	83	135	15	69	96	502	------	------	------
OTHER GOVERNMENT	21	15	20	------	23	40	61	276	10	51
NONPROFIT ORGANIZATIONS	24	11	19	15	42	63	43	258	8	4
INDUSTRY AND BUSINESS	34	37	30	28	95	96	29	1,324	16	25
SELF-EMPLOYED	6	2	3	1	6	19	11	132	4	4
MILITARY	1	------	2	1	5	1	15	------	------	------
OTHER	1	2	3	------	3	5	2	29	------	------
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	315
NO REPORT	1	------	------	------	1	1	6	29	------	69

APPENDIX TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
SOCIOLOGY	6,638	2,311	176	6	97	735	875	105	171
EDUCATIONAL INSTITUTIONS	4,827	1,606	140	1	44	575	604	48	105
FEDERAL GOVERNMENT	240	240	17	1	10	34	72	13	33
OTHER GOVERNMENT	232	120	3	------	------	27	61	12	5
NONPROFIT ORGANIZATIONS	343	194	1	1	16	49	88	19	13
INDUSTRY AND BUSINESS	121	39	3	------	11	16	12	7	5
SELF-EMPLOYED	53	17	2	2	------	8	7	3	4
MILITARY	32	32	2	1	13	1	11	1	------
OTHER	60	27	3	------	1	15	8	1	3
NOT EMPLOYED	533	------	------	------	------	------	------	------	------
NO REPORT	197	36	5	------	2	10	12	1	3
POLITICAL SCIENCE	5,176	1,484	27	20	305	492	116	65	334
EDUCATIONAL INSTITUTIONS	3,921	813	12	8	98	383	62	28	153
FEDERAL GOVERNMENT	348	348	11	6	65	47	25	13	108
OTHER GOVERNMENT	150	60	2	------	2	13	11	10	10
NONPROFIT ORGANIZATIONS	200	83	1	2	33	23	7	4	28
INDUSTRY AND BUSINESS	116	46	------	1	30	7	2	2	14
SELF-EMPLOYED	50	15	------	1	4	3	2	5	5
MILITARY	95	95	------	2	70	8	3	------	11
OTHER	34	15	------	------	1	6	4	2	3
NOT EMPLOYED	213	------	------	------	------	------	------	------	------
NO REPORT	49	9	1	------	2	2	------	1	2
ANTHROPOLOGY	1,219	476	16	3	25	117	142	9	59
EDUCATIONAL INSTITUTIONS	986	370	12	2	11	95	119	6	45
FEDERAL GOVERNMENT	34	34	1	------	4	6	6	2	6
OTHER GOVERNMENT	14	9	1	------	------	1	5	------	2
NONPROFIT ORGANIZATIONS	25	10	------	------	2	3	3	1	2
INDUSTRY AND BUSINESS	11	7	------	------	5	------	1	------	------
SELF-EMPLOYED	12	1	------	------	1	------	------	------	------
MILITARY	------	------	------	------	------	------	------	------	------
OTHER	77	41	2	1	1	12	6	------	4
NOT EMPLOYED	44	------	------	------	------	------	------	------	------
NO REPORT	16	4	------	------	1	------	2	------	------
LINGUISTICS	1,541	450	2	2	77	259	38	------	39
EDUCATIONAL INSTITUTIONS	1,121	307	2	1	39	210	27	------	22
FEDERAL GOVERNMENT	58	58	------	------	18	12	3	------	7
OTHER GOVERNMENT	15	9	------	------	------	5	------	------	3
NONPROFIT ORGANIZATIONS	118	43	------	1	11	20	6	------	5
INDUSTRY AND BUSINESS	41	12	------	------	5	2	1	------	------
SELF-EMPLOYED	10	3	------	------	------	3	------	------	1
MILITARY	4	4	------	------	2	------	------	------	------
OTHER	15	6	------	------	------	3	------	------	1
NOT EMPLOYED	110	------	------	------	------	------	------	------	------
NO REPORT	49	8	------	------	2	4	1	------	------

(a)OF THIS NUMBER, 37,036 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 196--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
SOCIOLOGY	43	28	142	21	43	311	591	3,240	233	854
EDUCATIONAL INSTITUTIONS	29	9	103	10	20	193	361	2,849	213	159
FEDERAL GOVERNMENT	7	6	22	3	4	25	109	------	------	------
OTHER GOVERNMENT	1	6	5	------	6	26	32	92	8	12
NONPROFIT ORGANIZATIONS	2	3	2	1	5	40	62	132	8	9
INDUSTRY AND BUSINESS	------	1	1	6	8	14	4	82	------	------
SELF-EMPLOYED	------	1	2	------	------	4	2	34	------	2
MILITARY	1	------	------	------	------	1	6	------	------	------
OTHER	1	2	4	------	------	5	6	29	1	3
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	533
NO REPORT	2	------	3	1	------	3	9	22	3	136
POLITICAL SCIENCE	46	34	55	49	59	203	366	3,154	178	360
EDUCATIONAL INSTITUTIONS	24	4	27	26	16	121	146	2,844	165	99
FEDERAL GOVERNMENT	11	14	18	13	17	19	152	------	------	------
OTHER GOVERNMENT	3	5	3	------	9	26	13	79	4	7
NONPROFIT ORGANIZATIONS	3	3	2	3	6	18	19	104	6	7
INDUSTRY AND BUSINESS	------	3	1	2	5	6	11	67	1	2
SELF-EMPLOYED	2	2	2	2	3	8	1	31	------	4
MILITARY	1	------	------	2	2	1	16	------	------	------
OTHER	2	3	2	1	1	3	6	16	1	2
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	213
NO REPORT	------	------	------	------	------	1	2	13	1	26
ANTHROPOLOGY	28	12	32	6	9	19	187	577	43	123
EDUCATIONAL INSTITUTIONS	19	7	27	4	5	12	139	517	40	59
FEDERAL GOVERNMENT	3	3	3	------	1	1	15	------	------	------
OTHER GOVERNMENT	------	------	------	------	------	1	2	4	------	1
NONPROFIT ORGANIZATIONS	------	------	------	------	1	2	4	14	1	------
INDUSTRY AND BUSINESS	1	------	1	1	2	1	1	4	------	------
SELF-EMPLOYED	------	------	------	------	------	------	------	8	1	2
MILITARY	------	------	------	------	------	------	------	------	------	------
OTHER	5	2	1	1	------	2	25	28	1	7
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	44
NO REPORT	------	------	------	------	------	------	1	2	------	10
LINGUISTICS	1	1	2	4	1	3	105	816	79	196
EDUCATIONAL INSTITUTIONS	1	1	1	1	------	1	57	695	73	46
FEDERAL GOVERNMENT	------	------	------	------	------	------	26	------	------	------
OTHER GOVERNMENT	------	------	------	------	------	------	1	4	------	2
NONPROFIT ORGANIZATIONS	------	------	------	------	------	1	12	68	3	4
INDUSTRY AND BUSINESS	------	------	------	2	1	1	3	27	1	1
SELF-EMPLOYED	------	------	------	------	------	------	2	6	1	------
MILITARY	------	------	------	------	------	------	2	------	------	------
OTHER	------	------	1	------	------	------	1	6	1	2
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	110
NO REPORT	------	------	------	1	------	------	1	10	------	31

APPENDIX TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
ALL FIELDS	297,942	127,415(C)	15,428	12,343	31,865	18,817	30,703	951	2,975
RESEARCH AND DEVELOPMENT (A)	96,036	56,884	7,192	7,122	14,287	4,607	17,104	213	781
BASIC RESEARCH	46,177	40,874	4,617	5,238	6,567	4,460	15,354	105	479
APPLIED RESEARCH	38,841	28,552	4,475	2,491	9,374	3,086	5,002	195	558
MANAGEMENT OR ADMINISTRATION (B)	62,870	29,507	4,443	2,587	9,261	3,944	5,003	429	1,139
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	28,568	19,409	2,220	2,098	7,173	2,418	3,704	263	741
TEACHING	62,087	19,778	1,773	1,049	1,881	8,160	4,568	67	461
PRODUCTION AND INSPECTION	16,847	3,137	232	495	1,367	75	465	24	41
CONSULTING	12,334	4,240	145	196	852	810	1,610	69	144
EXPLORATION, FORECASTING, AND REPORTING	14,365	5,550	391	340	2,103	248	390	78	165
OTHER	8,416	4,120	739	213	1,186	408	515	43	123
NOT EMPLOYED	12,707	------	------	------	------	------	------	------	------
NO REPORT	12,280	4,199	513	341	928	565	1,048	28	121
CHEMISTRY	93,788	25,967	2,024	4,025	7,670	3,148	7,335	94	254
RESEARCH AND DEVELOPMENT (A)	33,492	12,617	1,209	1,983	3,128	954	4,456	22	50
BASIC RESEARCH	14,281	9,614	819	1,347	1,692	1,160	4,013	13	25
APPLIED RESEARCH	11,819	3,955	458	694	1,437	198	779	9	31
MANAGEMENT OR ADMINISTRATION (B)	20,908	5,197	390	997	2,352	371	1,035	45	103
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	11,498	3,762	329	744	1,779	218	729	31	64
TEACHING	9,762	3,309	145	308	947	1,548	830	3	30
PRODUCTION AND INSPECTION	14,318	2,464	145	436	1,113	50	436	14	24
CONSULTING	1,315	341	23	48	143	29	70	4	23
EXPLORATION, FORECASTING, AND REPORTING	823	308	14	59	117	19	67	1	6
OTHER	2,726	847	34	103	266	81	192	2	9
NOT EMPLOYED	6,180	------	------	------	------	------	------	------	------
NO REPORT	4,264	884	64	91	204	96	249	3	9
EARTH & MARINE SCIENCES	23,746	6,910	390	443	1,504	817	216	106	296
RESEARCH AND DEVELOPMENT (A)	3,737	2,380	128	193	533	142	74	16	61
BASIC RESEARCH	2,075	1,691	83	110	318	171	49	8	49
APPLIED RESEARCH	1,652	1,196	80	105	312	49	43	20	42
MANAGEMENT OR ADMINISTRATION (B)	3,935	1,469	87	111	482	158	55	30	91
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,223	832	43	75	273	84	31	16	47
TEACHING	4,034	1,080	32	30	100	443	34	6	40
PRODUCTION AND INSPECTION	1,554	270	23	23	56	5	3	5	5
CONSULTING	734	154	20	19	23	8	6	8	25
EXPLORATION, FORECASTING, AND REPORTING	7,134	959	69	48	156	19	27	31	48
OTHER	618	327	21	6	96	15	10	8	14
NOT EMPLOYED	882	------	------	------	------	------	------	------	------
NO REPORT	1,118	271	10	13	58	27	7	2	12
ATMOSPHERIC & SPACE SCIENCES	5,745	5,067	356	200	2,422	198	230	21	117
RESEARCH AND DEVELOPMENT (A)	1,079	985	77	80	385	40	81	1	22
BASIC RESEARCH	497	1,117	82	43	451	45	54	5	18
APPLIED RESEARCH	581	1,640	107	78	799	61	86	5	37
MANAGEMENT OR ADMINISTRATION (B)	1,510	1,422	105	62	784	54	70	11	60
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	389	1,120	88	55	607	47	58	5	32
TEACHING	293	188	14	5	74	49	6	------	4
PRODUCTION AND INSPECTION	66	49	4	5	26	2	5	------	3
CONSULTING	89	71	5	4	38	2	9	------	4
EXPLORATION, FORECASTING, AND REPORTING	1,970	1,801	124	23	863	25	41	8	16
OTHER	406	380	17	15	183	11	10	1	7
NOT EMPLOYED	107	------	------	------	------	------	------	------	------
NO REPORT	225	171	10	6	69	15	8	------	1

APPENDIX TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL FIELDS	12,685	1,787	1,802	13,012	2,823	2,464	16,796	137,181	10,192	23,154
RESEARCH AND DEVELOPMENT (A)	4,194	303	391	6,750	764	638	5,804	32,571	3,782	2,799
BASIC RESEARCH	3,075	230	267	3,728	299	324	5,119	19,601	2,648	4,540
APPLIED RESEARCH	2,828	317	400	3,399	751	535	2,997	23,343	1,943	1,908
MANAGEMENT OR ADMINISTRATION (B)	5,385	718	930	3,342	1,041	940	3,867	31,794	684	885
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,432	326	377	2,869	765	623	2,365	18,615	578	1,341
TEACHING	1,162	71	176	893	150	346	2,907	37,133	3,159	2,017
PRODUCTION AND INSPECTION	281	134	22	477	150	23	351	12,655	877	178
CONSULTING	179	125	52	293	162	169	798	7,215	618	261
EXPLORATION, FORECASTING, AND REPORTING	725	280	94	589	324	176	1,291	8,279	355	181
OTHER	441	101	98	294	136	101	933	3,732	411	153
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	12,707
NO REPORT	318	55	39	374	96	71	845	3,802	306	3,973
CHEMISTRY	1,609	250	54	3,266	418	134	2,983	54,436	3,953	9,432
RESEARCH AND DEVELOPMENT (A)	703	52	8	1,523	119	15	1,184	18,371	1,794	710
BASIC RESEARCH	402	31	5	872	42	12	1,092	7,490	1,139	1,473
APPLIED RESEARCH	355	38	6	630	75	11	339	9,069	609	479
MANAGEMENT OR ADMINISTRATION (B)	454	90	31	925	142	66	546	15,158	296	257
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	378	59	21	781	118	44	320	9,223	208	437
TEACHING	144	10	2	167	14	7	453	5,508	647	298
PRODUCTION AND INSPECTION	168	62	4	400	89	8	259	10,892	817	145
CONSULTING	37	22	5	64	13	8	42	912	38	24
EXPLORATION, FORECASTING, AND REPORTING	25	1	------	35	8	6	53	446	55	14
OTHER	28	7	1	67	17	13	234	1,638	187	54
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	6,180
NO REPORT	50	6	3	85	16	11	212	1,511	119	1,750
EARTH & MARINE SCIENCES	2,516	591	169	526	330	299	1,315	14,602	578	1,656
RESEARCH AND DEVELOPMENT (A)	1,036	75	38	258	41	71	450	1,139	101	117
BASIC RESEARCH	670	64	29	184	29	50	385	1,363	78	205
APPLIED RESEARCH	531	77	27	100	45	54	158	1,245	72	75
MANAGEMENT OR ADMINISTRATION (B)	548	142	36	122	81	62	228	2,383	38	45
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	334	57	19	89	46	37	118	951	24	48
TEACHING	267	17	13	60	22	20	217	2,610	215	129
PRODUCTION AND INSPECTION	77	64	8	11	40	10	41	1,225	40	19
CONSULTING	47	52	12	7	20	24	20	540	16	24
EXPLORATION, FORECASTING, AND REPORTING	409	185	49	30	90	92	165	5,959	139	77
OTHER	73	39	8	18	26	11	102	263	19	9
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	882
NO REPORT	59	17	5	20	10	9	92	483	10	354
ATMOSPHERIC & SPACE SCIENCES	420	79	24	496	319	48	1,686	415	49	214
RESEARCH AND DEVELOPMENT (A)	150	10	2	170	33	11	256	35	17	42
BASIC RESEARCH	115	19	8	124	53	13	416	84	22	66
APPLIED RESEARCH	128	27	7	169	103	15	506	132	10	45
MANAGEMENT OR ADMINISTRATION (B)	132	32	9	171	114	22	417	73	1	14
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	114	18	3	131	78	13	316	78	8	24
TEACHING	23	------	------	19	3	3	43	85	11	9
PRODUCTION AND INSPECTION	5	2	1	8	5	------	14	16	1	------
CONSULTING	10	1	------	13	6	------	12	15	3	------
EXPLORATION, FORECASTING, AND REPORTING	73	28	8	71	128	9	732	151	12	6
OTHER	13	4	4	29	22	3	142	22	3	1
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	107
NO REPORT	14	2	------	15	8	------	70	18	1	35

APPENDIX TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
PHYSICS	32,491	20,190	98	5,401	9,335	2,030	900	46	162
RESEARCH AND DEVELOPMENT (A)	16,380	12,344	52	3,648	5,637	537	503	10	39
BASIC RESEARCH	8,939	8,300	30	2,884	2,633	804	398	9	41
APPLIED RESEARCH	5,832	5,476	25	1,104	3,316	323	203	11	30
MANAGEMENT OR ADMINISTRATION (B)	5,123	3,757	29	908	2,355	299	216	20	86
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,679	3,607	26	850	2,210	260	171	13	61
TEACHING	6,899	2,565	7	494	571	1,089	98	2	12
PRODUCTION AND INSPECTION	183	73	------	15	48	4	6	------	2
CONSULTING	363	205	------	42	134	15	13	8	5
EXPLORATION, FORECASTING, AND REPORTING	577	433	5	101	228	14	15	3	6
OTHER	336	251	2	42	133	17	19	1	5
NOT EMPLOYED	1,132	------	------	------	------	------	------	------	------
NO REPORT	1,498	562	3	151	229	55	30	2	7
MATHEMATICS	24,477	8,757	86	469	4,175	2,106	487	62	117
RESEARCH AND DEVELOPMENT (A)	5,147	2,982	13	216	1,763	216	161	13	29
BASIC RESEARCH	2,014	1,151	5	72	374	244	67	2	14
APPLIED RESEARCH	2,556	2,313	13	164	1,477	253	122	12	23
MANAGEMENT OR ADMINISTRATION (B)	5,122	2,130	46	134	1,288	358	152	25	45
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,145	1,499	24	92	937	222	119	18	41
TEACHING	9,491	2,135	5	34	307	1,307	57	2	20
PRODUCTION AND INSPECTION	184	74	------	6	61	2	------	------	------
CONSULTING	1,065	332	8	25	180	56	51	11	9
EXPLORATION, FORECASTING, AND REPORTING	926	452	7	28	240	44	35	3	3
OTHER	745	320	2	12	180	47	11	4	5
NOT EMPLOYED	786	------	------	------	------	------	------	------	------
NO REPORT	1,011	332	5	14	156	76	20	4	6
COMPUTER SCIENCES	6,972	3,667	47	367	2,209	288	303	34	39
RESEARCH AND DEVELOPMENT (A)	2,661	1,538	17	172	963	92	116	8	14
BASIC RESEARCH	159	186	2	33	91	16	20	------	------
APPLIED RESEARCH	1,496	1,212	16	122	768	73	93	8	15
MANAGEMENT OR ADMINISTRATION (B)	1,555	833	16	69	538	91	83	16	15
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	825	639	11	49	406	61	66	15	10
TEACHING	212	79	------	4	30	26	6	------	------
PRODUCTION AND INSPECTION	88	44	------	4	24	2	1	------	------
CONSULTING	440	166	4	18	97	18	24	1	1
EXPLORATION, FORECASTING, AND REPORTING	1,231	680	8	66	357	33	60	8	6
OTHER	427	222	1	22	138	15	6	------	2
NOT EMPLOYED	147	------	------	------	------	------	------	------	------
NO REPORT	211	105	1	12	62	11	7	1	1
AGRICULTURAL SCIENCES	12,740	8,858	4,760	89	278	335	161	46	149
RESEARCH AND DEVELOPMENT (A)	2,984	2,274	1,502	44	43	46	68	11	31
BASIC RESEARCH	784	1,721	904	24	58	68	48	11	15
APPLIED RESEARCH	2,195	2,379	1,527	25	56	56	42	14	36
MANAGEMENT OR ADMINISTRATION (B)	6,987	4,833	2,118	29	153	158	61	28	92
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,328	1,396	621	22	29	64	37	10	64
TEACHING	1,000	667	515	5	11	90	13	2	6
PRODUCTION AND INSPECTION	82	40	23	------	2	3	------	------	------
CONSULTING	48	24	14	------	------	1	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	216	179	78	3	10	5	5	2	7
OTHER	859	364	364	3	45	24	9	2	10
NOT EMPLOYED	175	------	------	------	------	------	------	------	------
NO REPORT	389	241	146	5	14	8	5	1	3

APPENDIX TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
PHYSICS	355	49	12	5,116	338	94	1,931	8,515	794	2,992
RESEARCH AND DEVELOPMENT (A)	185	15	3	3,278	133	16	1,152	2,900	354	782
BASIC RESEARCH	111	18	2	1,987	59	19	1,052	2,487	355	1,261
APPLIED RESEARCH	90	9	2	1,475	103	14	322	2,078	161	439
MANAGEMENT OR ADMINISTRATION (B)	111	20	8	1,079	144	49	280	1,265	25	76
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	102	15	6	1,049	129	44	268	1,239	60	267
TEACHING	24	------	------	367	17	7	334	3,716	345	273
PRODUCTION AND INSPECTION	4	1	1	22	2	------	6	102	3	5
CONSULTING	7	6	------	54	15	8	7	138	11	9
EXPLORATION, FORECASTING, AND REPORTING	9	1	------	129	11	5	34	113	20	11
OTHER	7	3	------	48	5	5	35	72	8	5
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	1,132
NO REPORT	8	3	------	139	11	4	83	209	28	699
MATHEMATICS	160	90	24	1,443	415	188	1,293	12,743	1,111	1,866
RESEARCH AND DEVELOPMENT (A)	44	20	3	596	113	49	454	1,609	260	296
BASIC RESEARCH	16	8	2	145	18	10	377	1,121	235	343
APPLIED RESEARCH	41	20	3	476	120	54	168	1,905	150	154
MANAGEMENT OR ADMINISTRATION (B)	61	32	13	452	174	74	216	2,851	51	90
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	46	15	6	336	131	51	139	1,666	60	116
TEACHING	21	5	2	109	28	11	417	6,287	650	419
PRODUCTION AND INSPECTION	1	1	------	16	6	------	3	101	5	4
CONSULTING	13	12	2	72	44	32	35	684	33	16
EXPLORATION, FORECASTING, AND REPORTING	10	8	1	99	20	6	51	421	33	20
OTHER	5	7	3	44	17	7	54	371	42	12
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	786
NO REPORT	5	5	------	55	13	9	63	419	37	223
COMPUTER SCIENCES	67	45	11	928	194	93	267	2,776	240	289
RESEARCH AND DEVELOPMENT (A)	30	12	3	375	87	35	89	968	110	45
BASIC RESEARCH	3	------	------	46	6	3	21	89	11	14
APPLIED RESEARCH	22	14	5	275	81	33	73	764	80	43
MANAGEMENT OR ADMINISTRATION (B)	17	11	5	205	42	31	72	677	24	21
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	13	5	3	165	29	23	54	477	24	27
TEACHING	------	1	------	10	3	3	15	113	11	9
PRODUCTION AND INSPECTION	1	1	------	12	------	------	2	43	1	------
CONSULTING	4	4	1	43	11	7	12	248	21	5
EXPLORATION, FORECASTING, AND REPORTING	14	10	2	201	32	11	41	483	48	20
OTHER	1	3	------	58	10	3	26	178	20	7
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	147
NO REPORT	------	3	------	24	9	3	10	66	5	35
AGRICULTURAL SCIENCES	4,242	259	662	34	77	158	792	3,388	185	309
RESEARCH AND DEVELOPMENT (A)	778	22	68	11	12	41	141	604	84	22
BASIC RESEARCH	809	42	108	8	19	27	170	534	41	56
APPLIED RESEARCH	919	49	133	9	16	44	156	856	73	52
MANAGEMENT OR ADMINISTRATION (B)	2,912	187	477	15	45	78	491	2,068	39	47
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	810	45	106	10	10	25	127	547	16	26
TEACHING	136	3	32	1	2	8	32	284	39	10
PRODUCTION AND INSPECTION	17	1	6	------	2	2	6	39	1	2
CONSULTING	14	------	3	------	1	1	------	24	------	------
EXPLORATION, FORECASTING, AND REPORTING	105	22	14	2	2	8	15	31	3	3
OTHER	201	17	53	4	10	18	72	235	16	8
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	175
NO REPORT	79	7	9	1	3	2	35	103	3	42

APPENDIX TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
BIOLOGICAL SCIENCES	46,183	27,356	5,934	1,159	1,612	3,182	15,205	63	357
RESEARCH AND DEVELOPMENT (A)	18,897	14,789	3,470	717	728	678	9,412	7	115
BASIC RESEARCH	13,194	13,702	2,494	702	574	1,074	9,182	15	96
APPLIED RESEARCH	5,690	5,049	1,630	139	352	381	2,361	7	67
MANAGEMENT OR ADMINISTRATION (B)	8,087	4,724	1,184	218	527	624	2,058	46	152
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,870	3,264	736	172	362	438	1,632	20	104
TEACHING	12,484	5,224	748	160	121	1,658	2,402	5	50
PRODUCTION AND INSPECTION	107	35	15	------	3	2	8	------	1
CONSULTING	2,021	763	19	11	77	38	557	------	2
EXPLORATION, FORECASTING, AND REPORTING	299	157	33	6	28	15	40	------	3
OTHER	1,176	634	238	6	66	62	159	3	11
NOT EMPLOYED	1,268	------	------	------	------	------	------	------	------
NO REPORT	1,844	1,030	227	41	62	105	569	2	23
PSYCHOLOGY	23,077	10,024	33	38	1,245	4,366	3,905	54	149
RESEARCH AND DEVELOPMENT (A)	5,979	3,527	7	22	625	1,380	1,469	11	41
BASIC RESEARCH	1,722	1,773	3	9	205	543	1,081	5	30
APPLIED RESEARCH	4,034	2,777	8	14	454	1,323	813	8	26
MANAGEMENT OR ADMINISTRATION (B)	4,424	2,445	21	11	389	1,189	809	29	58
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,471	1,490	10	7	313	645	505	20	41
TEACHING	5,346	1,788	1	1	90	996	683	4	26
PRODUCTION AND INSPECTION	7	3	------	------	------	------	1	------	------
CONSULTING	5,510	1,790	1	4	84	596	799	6	10
EXPLORATION, FORECASTING, AND REPORTING	91	53	------	------	13	21	13	------	2
OTHER	382	166	2	------	23	80	39	3	4
NOT EMPLOYED	744	------	------	------	------	------	------	------	------
NO REPORT	594	252	1	------	21	104	92	1	8
STATISTICS	2,639	1,545	119	80	447	127	525	31	34
RESEARCH AND DEVELOPMENT (A)	743	496	25	27	172	35	176	6	7
BASIC RESEARCH	169	140	11	3	40	13	57	1	2
APPLIED RESEARCH	542	497	28	31	165	39	166	8	11
MANAGEMENT OR ADMINISTRATION (B)	534	366	34	16	92	32	119	14	12
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	284	276	24	14	77	28	99	10	8
TEACHING	482	185	15	3	49	32	82	------	2
PRODUCTION AND INSPECTION	85	49	4	5	26	1	3	1	1
CONSULTING	269	174	25	21	44	11	58	1	6
EXPLORATION, FORECASTING, AND REPORTING	286	174	11	3	36	9	62	5	5
OTHER	71	52	2	2	16	6	10	2	1
NOT EMPLOYED	71	------	------	------	------	------	------	------	------
NO REPORT	98	49	3	3	12	1	15	2	------
ECONOMICS	11,510	4,353	1,360	41	464	617	265	215	698
RESEARCH AND DEVELOPMENT (A)	2,377	1,517	603	8	140	109	81	54	222
BASIC RESEARCH	655	451	124	3	34	35	27	14	78
APPLIED RESEARCH	1,609	1,372	539	10	147	125	77	54	177
MANAGEMENT OR ADMINISTRATION (B)	2,630	1,226	357	20	164	215	107	88	233
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,075	854	275	14	105	126	78	60	167
TEACHING	4,496	945	237	1	70	232	41	22	99
PRODUCTION AND INSPECTION	173	36	18	1	8	4	2	4	5
CONSULTING	356	163	26	4	24	22	12	27	48
EXPLORATION, FORECASTING, AND REPORTING	515	201	38	3	25	10	6	9	28
OTHER	267	132	46	------	15	9	5	3	32
NOT EMPLOYED	315	------	------	------	------	------	------	------	------
NO REPORT	381	133	35	4	18	16	11	8	31

APPENDIX TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
BIOLOGICAL SCIENCES	2,592	131	202	611	96	124	2,277	14,861	1,279	2,687
RESEARCH AND DEVELOPMENT (A)	996	16	26	300	27	22	921	3,170	504	434
BASIC RESEARCH	865	22	29	248	19	25	978	3,827	504	758
APPLIED RESEARCH	517	23	37	123	27	21	351	2,905	261	271
MANAGEMENT OR ADMINISTRATION (B)	927	79	132	187	47	66	465	3,137	74	152
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	463	24	52	162	22	30	304	2,130	70	201
TEACHING	435	12	21	79	4	18	528	6,408	493	359
PRODUCTION AND INSPECTION	4	1	------	1	------	------	6	68	4	------
CONSULTING	11	1	2	9	1	1	110	1,118	93	47
EXPLORATION, FORECASTING, AND REPORTING	42	6	1	7	1	3	24	127	11	4
OTHER	95	8	12	8	8	10	102	465	54	23
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	1,268
NO REPORT	82	8	6	20	8	4	121	368	46	400
PSYCHOLOGY	31	24	46	309	163	249	1,645	10,567	1,119	1,367
RESEARCH AND DEVELOPMENT (A)	9	7	7	160	68	64	397	1,921	365	166
BASIC RESEARCH	7	2	7	89	18	31	187	983	105	112
APPLIED RESEARCH	4	6	6	75	56	50	414	2,563	402	138
MANAGEMENT OR ADMINISTRATION (B)	14	9	26	96	69	113	412	1,818	80	81
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	10	3	16	76	62	79	236	926	54	45
TEACHING	4	3	7	28	9	34	250	3,179	225	154
PRODUCTION AND INSPECTION	------	------	------	------	------	------	2	3	1	------
CONSULTING	1	5	4	10	7	28	479	3,216	383	121
EXPLORATION, FORECASTING, AND REPORTING	1	------	------	4	2	1	8	30	5	3
OTHER	2	------	1	6	2	4	40	173	30	13
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	744
NO REPORT	------	------	1	5	6	5	57	227	30	85
STATISTICS	53	14	6	109	54	39	314	843	92	159
RESEARCH AND DEVELOPMENT (A)	17	5	------	43	25	12	77	199	24	24
BASIC RESEARCH	5	1	------	7	4	3	32	59	11	17
APPLIED RESEARCH	19	4	------	40	24	10	74	224	24	27
MANAGEMENT OR ADMINISTRATION (B)	11	7	2	22	13	11	100	156	6	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	6	5	2	20	13	11	66	117	5	9
TEACHING	5	1	------	11	------	3	20	241	32	24
PRODUCTION AND INSPECTION	1	------	1	4	1	2	9	35	------	1
CONSULTING	8	------	1	14	5	3	25	76	14	5
EXPLORATION, FORECASTING, AND REPORTING	6	------	------	5	5	3	49	99	10	3
OTHER	2	1	------	6	3	3	15	15	2	2
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	71
NO REPORT	3	------	2	4	2	2	19	22	4	23
ECONOMICS	522	180	361	94	307	502	1,044	6,248	259	650
RESEARCH AND DEVELOPMENT (A)	221	56	142	20	84	151	334	748	54	58
BASIC RESEARCH	50	15	27	9	22	46	147	451	29	51
APPLIED RESEARCH	190	43	120	18	83	135	273	1,064	51	87
MANAGEMENT OR ADMINISTRATION (B)	161	77	137	40	114	188	333	1,332	20	52
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	131	57	104	28	96	145	224	746	22	69
TEACHING	66	10	38	18	36	83	207	3,279	161	111
PRODUCTION AND INSPECTION	3	1	1	3	5	1	3	131	4	2
CONSULTING	26	19	19	5	37	46	35	185	3	5
EXPLORATION, FORECASTING, AND REPORTING	23	11	10	4	17	14	72	291	10	13
OTHER	9	4	6	1	7	6	29	129	4	2
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	315
NO REPORT	13	2	8	3	7	13	31	153	3	92

APPENDIX TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
SOCIOLOGY	6,638	2,311	176	6	97	735	875	105	171
RESEARCH AND DEVELOPMENT (A)	1,437	915	78	4	41	246	408	41	50
BASIC RESEARCH	893	629	49	3	22	181	281	19	42
APPLIED RESEARCH	544	470	41	2	22	139	186	28	22
MANAGEMENT OR ADMINISTRATION (B)	884	490	43	1	24	179	174	44	60
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	405	361	29	-------	17	129	141	31	41
TEACHING	3,139	687	42	-------	19	255	216	10	48
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	33	14	-------	-------	-------	2	5	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	77	31	-------	-------	2	6	8	2	2
OTHER	210	97	7	1	7	27	38	7	4
NOT EMPLOYED	533	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	325	77	6	-------	4	20	26	1	7
POLITICAL SCIENCE	5,176	1,484	27	20	305	492	116	65	334
RESEARCH AND DEVELOPMENT (A)	619	268	6	6	90	49	24	10	79
BASIC RESEARCH	413	178	4	3	49	42	16	3	45
APPLIED RESEARCH	169	121	3	3	50	24	12	8	34
MANAGEMENT OR ADMINISTRATION (B)	877	477	9	9	95	159	45	31	110
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	260	212	1	2	42	64	20	13	48
TEACHING	2,954	505	4	4	66	246	23	7	86
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	65	34	-------	-------	7	8	5	3	8
EXPLORATION, FORECASTING, AND REPORTING	126	80	4	-------	23	7	10	6	26
OTHER	169	84	3	1	17	9	7	7	19
NOT EMPLOYED	213	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	153	36	1	-------	7	14	2	1	6
ANTHROPOLOGY	1,219	476	16	3	25	117	142	9	59
RESEARCH AND DEVELOPMENT (A)	258	143	5	1	8	28	55	3	18
BASIC RESEARCH	222	146	6	1	7	25	46	-------	19
APPLIED RESEARCH	36	36	-------	-------	4	10	14	3	6
MANAGEMENT OR ADMINISTRATION (B)	130	70	4	1	7	21	16	2	13
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	72	62	3	1	7	14	16	1	10
TEACHING	683	225	7	-------	5	59	64	4	22
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	8	2	-------	-------	1	1	-------	-------	1
EXPLORATION, FORECASTING, AND REPORTING	32	10	-------	-------	-------	2	-------	-------	1
OTHER	4	1	-------	-------	-------	-------	-------	-------	-------
NOT EMPLOYED	44	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	60	25	-------	1	4	6	7	-------	4
LINGUISTICS	1,541	450	2	2	77	259	38	-------	39
RESEARCH AND DEVELOPMENT (A)	246	109	-------	1	31	55	20	-------	3
BASIC RESEARCH	160	75	1	1	19	39	15	-------	5
APPLIED RESEARCH	86	59	-------	-------	15	32	5	-------	1
MANAGEMENT OR ADMINISTRATION (B)	164	68	-------	1	11	36	3	-------	9
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	44	35	-------	1	9	18	2	-------	3
TEACHING	812	196	1	-------	21	130	13	-------	16
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	18	7	-------	-------	-------	3	1	-------	2
EXPLORATION, FORECASTING, AND REPORTING	62	32	-------	-------	5	19	1	-------	6
OTHER	20	7	-------	-------	1	5	-------	-------	-------
NOT EMPLOYED	110	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	109	31	1	-------	8	11	-------	-------	3

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

(C)OF THIS NUMBER, 37,036 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
SOCIOLOGY	43	28	142	21	43	311	591	3,240	233	854
RESEARCH AND DEVELOPMENT (A)	12	8	68	6	12	107	202	417	55	50
BASIC RESEARCH	12	5	36	3	4	60	140	542	55	108
APPLIED RESEARCH	6	4	43	4	10	72	111	333	34	66
MANAGEMENT OR ADMINISTRATION (B)	14	14	31	6	22	93	142	363	11	20
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	11	13	26	4	16	74	105	236	15	35
TEACHING	14	------	32	6	4	89	169	2,228	133	91
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	1	7	17	1	1
EXPLORATION, FORECASTING, AND REPORTING	------	1	2	1	1	5	14	42	3	1
OTHER	1	3	6	1	3	11	36	78	23	12
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	533
NO REPORT	2	2	3	1	1	5	21	95	7	146
POLITICAL SCIENCE	46	34	55	49	59	203	366	3,154	178	340
RESEARCH AND DEVELOPMENT (A)	6	5	15	8	7	37	63	291	40	20
BASIC RESEARCH	3	2	9	6	5	22	39	316	38	23
APPLIED RESEARCH	4	3	4	3	5	18	27	128	11	12
MANAGEMENT OR ADMINISTRATION (B)	14	13	15	19	30	81	121	370	14	16
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	7	6	8	15	11	41	58	203	7	21
TEACHING	14	3	13	16	6	54	95	2,271	112	66
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	1	3	3	2	1	9	12	27	------	4
EXPLORATION, FORECASTING, AND REPORTING	6	5	5	1	7	12	21	41	3	2
OTHER	4	5	4	3	6	7	43	79	2	4
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	213
NO REPORT	1	------	------	------	2	3	11	75	7	35
ANTHROPOLOGY	28	12	32	6	9	19	187	577	43	123
RESEARCH AND DEVELOPMENT (A)	7	------	7	2	3	7	57	88	9	18
BASIC RESEARCH	7	------	5	------	1	3	68	143	14	29
APPLIED RESEARCH	2	------	6	2	3	4	9	17	2	7
MANAGEMENT OR ADMINISTRATION (B)	9	5	8	2	4	6	27	57	------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	7	4	5	3	4	6	22	46	3	11
TEACHING	9	5	16	1	2	5	87	392	31	35
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	5	1	------
EXPLORATION, FORECASTING, AND REPORTING	2	2	------	------	------	------	5	17	2	3
OTHER	------	------	------	------	------	------	1	3	------	------
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	44
NO REPORT	1	------	1	1	------	1	10	15	------	20
LINGUISTICS	1	1	2	4	1	3	105	816	79	196
RESEARCH AND DEVELOPMENT (A)	------	------	1	------	------	------	27	111	11	15
BASIC RESEARCH	------	1	------	------	------	------	15	112	11	24
APPLIED RESEARCH	------	------	1	------	------	------	16	60	3	13
MANAGEMENT OR ADMINISTRATION (B)	------	------	------	1	------	------	17	86	5	5
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	------	------	------	------	------	------	8	30	2	5
TEACHING	------	1	------	1	------	1	40	532	54	30
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	1	1	2	10	1	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	1	7	28	1	1
OTHER	------	------	------	1	------	------	2	11	1	1
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	110
NO REPORT	1	------	1	1	------	------	10	38	6	34

APPENDIX TABLE A-41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1968

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
ALL FIELDS	297,942	127,415(A)	15,428	12,343	31,865	18,817	30,703	95	2,975
1 OR LESS	11,312	4,785	396	484	1,152	590	1,218	20	64
2 TO 4	44,308	19,651	1,883	1,917	4,636	2,764	4,708	92	297
5 TO 9	55,645	26,157	2,810	2,441	6,685	3,924	5,954	172	423
10 TO 14	42,590	20,396	2,556	1,932	5,262	3,122	4,951	132	390
15 TO 19	39,352	17,641	2,308	1,868	5,004	2,611	3,982	151	475
20 TO 24	22,729	10,114	1,597	1,050	2,556	1,582	2,511	88	360
25 TO 29	17,030	7,570	1,065	844	2,168	1,060	1,742	89	290
30 TO 34	12,294	4,789	962	387	991	830	1,071	57	217
35 TO 39	6,458	2,321	490	152	403	421	595	29	95
40 OR MORE	5,422	1,468	224	101	262	278	342	17	65
NO REPORT	40,802	12,523	1,137	1,167	2,746	1,635	3,629	104	299
CHEMISTRY	93,788	25,967	2,024	4,025	7,670	3,148	7,335	94	254
1 OR LESS	4,705	1,588	69	154	412	245	501	------	11
2 TO 4	12,588	4,219	214	467	1,050	612	1,487	5	15
5 TO 9	12,830	4,094	308	563	1,097	589	1,299	14	27
10 TO 14	9,789	2,972	233	540	885	341	803	10	15
15 TO 19	10,917	2,938	218	604	1,103	258	637	15	26
20 TO 24	6,830	1,869	218	394	622	195	452	6	24
25 TO 29	6,640	1,702	191	375	653	138	333	14	29
30 TO 34	4,408	952	125	144	336	104	220	7	31
35 TO 39	2,147	424	66	62	120	59	94	8	12
40 OR MORE	1,930	285	39	39	73	42	47	3	7
NO REPORT	21,004	4,924	343	683	1,319	565	1,462	12	55
EARTH & MARINE SCIENCES	23,746	6,910	390	443	1,504	817	216	106	296
1 OR LESS	848	296	6	8	100	42	10	4	10
2 TO 4	2,588	888	34	43	193	129	19	18	27
5 TO 9	3,425	1,277	81	76	270	159	53	25	42
10 TO 14	3,505	990	69	72	223	110	31	13	47
15 TO 19	4,196	1,043	67	81	226	97	33	20	49
20 TO 24	1,827	479	29	43	100	57	16	4	30
25 TO 29	1,048	355	14	30	71	37	12	4	25
30 TO 34	967	243	18	14	34	28	5	2	15
35 TO 39	438	110	8	7	12	17	2	2	5
40 OR MORE	463	94	4	4	10	7	2	------	6
NO REPORT	4,441	1,135	60	65	265	134	33	14	40
ATMOSPHERIC & SPACE SCIENCES	5,745	5,067	356	200	2,422	198	230	21	117
1 OR LESS	302	268	4	6	153	4	6	------	------
2 TO 4	852	763	27	14	422	17	19	------	5
5 TO 9	796	727	44	29	345	23	28	2	15
10 TO 14	772	700	48	36	378	19	19	------	7
15 TO 19	660	601	32	22	309	27	24	------	13
20 TO 24	585	508	45	26	231	30	24	5	21
25 TO 29	678	588	66	30	240	36	53	9	28
30 TO 34	175	139	22	5	45	12	16	2	7
35 TO 39	74	63	14	2	8	2	6	1	2
40 OR MORE	33	22	4	1	3	2	------	------	1
NO REPORT	818	688	50	29	288	26	35	2	18
PHYSICS	32,491	20,190	98	5,401	9,335	2,030	900	46	162
1 OR LESS	1,509	870	------	278	296	65	39	------	1
2 TO 4	6,464	3,935	11	1,086	1,498	350	141	6	7
5 TO 9	7,742	5,018	20	1,288	2,310	484	213	7	26
10 TO 14	4,831	3,302	13	890	1,606	330	134	3	20
15 TO 19	4,026	2,779	17	756	1,532	276	114	6	39
20 TO 24	2,005	1,368	16	364	731	161	80	6	22
25 TO 29	1,632	1,101	8	277	609	121	71	7	22
30 TO 34	977	538	3	129	265	90	36	5	10
35 TO 39	584	257	6	49	139	39	12	1	2
40 OR MORE	492	195	2	34	87	35	12	3	8
NO REPORT	2,229	827	2	250	262	79	48	2	5
MATHEMATICS	24,477	8,757	86	469	4,175	2,106	487	62	117
1 OR LESS	259	63	2	2	24	13	4	1	2
2 TO 4	4,126	1,263	6	62	504	324	74	5	9
5 TO 9	6,562	2,295	12	107	1,064	576	114	13	27
10 TO 14	4,474	1,752	28	91	698	366	95	12	19
15 TO 19	3,191	1,291	14	99	695	250	74	11	20
20 TO 24	1,719	690	11	50	346	172	47	9	15
25 TO 29	1,070	463	4	20	246	109	24	4	12
30 TO 34	804	289	3	9	121	96	17	1	5
35 TO 39	514	135	3	2	41	62	8	1	2
40 OR MORE	449	97	1	3	34	42	3	2	1
NO REPORT	1,303	419	2	24	202	96	27	3	5

APPENDIX TABLE A–41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1968—CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL FIELDS	12,685	1,787	1,802	13,012	2,823	2,464	16,796	137,181	10,192	23,154
1 OR LESS	307	27	40	395	60	59	761	4,302	1,034	1,191
2 TO 4	1,646	193	207	1,938	333	302	2,768	18,501	2,758	3,398
5 TO 9	2,483	364	302	3,035	557	456	3,217	24,783	2,057	2,648
10 TO 14	2,057	299	310	2,311	431	418	2,345	19,842	984	1,368
15 TO 19	2,084	300	304	1,969	447	402	2,008	19,937	774	1,000
20 TO 24	1,148	158	185	954	258	229	1,229	11,609	389	617
25 TO 29	836	137	116	786	289	158	1,067	8,734	309	417
30 TO 34	674	88	140	350	129	131	696	6,814	230	461
35 TO 39	298	39	51	126	45	40	319	3,528	150	459
40 OR MORE	134	22	15	81	27	28	275	2,696	120	1,138
NO REPORT	1,018	160	132	1,067	247	241	2,111	16,435	1,387	10,457
CHEMISTRY	1,609	250	54	3,266	418	134	2,983	54,436	3,953	9,432
1 OR LESS	46	2	2	111	15	4	243	2,094	620	403
2 TO 4	192	29	3	392	49	6	526	6,583	988	798
5 TO 9	220	27	7	521	57	18	439	7,685	557	494
10 TO 14	210	29	4	462	37	16	288	6,339	255	223
15 TO 19	247	39	7	533	76	16	244	7,521	246	212
20 TO 24	154	22	5	281	31	10	152	4,701	141	119
25 TO 29	141	28	7	252	53	16	149	4,662	148	128
30 TO 34	94	19	5	116	32	16	108	3,197	98	161
35 TO 39	35	10	2	39	7	6	46	1,457	47	219
40 OR MORE	17	5	———	22	4	1	51	953	43	649
NO REPORT	253	40	12	537	57	25	737	9,244	810	6,026
EARTH & MARINE SCIENCES	2,516	591	169	526	330	299	1,315	14,602	578	1,656
1 OR LESS	62	16	9	17	13	14	58	364	74	114
2 TO 4	246	52	12	65	51	34	193	1,352	123	225
5 TO 9	399	139	36	126	81	64	240	1,885	107	156
10 TO 14	372	108	36	89	65	53	141	2,355	47	113
15 TO 19	458	90	23	67	38	50	176	3,008	60	85
20 TO 24	205	45	9	35	13	13	92	1,281	25	42
25 TO 29	180	35	6	17	15	15	54	655	12	26
30 TO 34	124	24	14	13	7	10	45	671	14	39
35 TO 39	61	8	3	3	4	3	23	282	6	40
40 OR MORE	44	8	1	4	4	6	28	286	12	71
NO REPORT	365	66	20	90	39	37	265	2,463	98	745
ATMOSPHERIC & SPACE SCIENCES	420	79	24	496	319	48	1,686	415	49	214
1 OR LESS	8	———	———	13	9	———	92	10	6	18
2 TO 4	37	4	2	61	17	2	230	38	12	39
5 TO 9	48	10	3	64	27	6	243	47	5	17
10 TO 14	44	5	1	73	29	5	206	54	5	13
15 TO 19	58	11	———	69	31	6	173	40	4	15
20 TO 24	52	8	7	59	49	8	174	59	3	15
25 TO 29	77	20	6	75	74	8	218	70	4	16
30 TO 34	23	8	2	15	25	3	50	29	2	5
35 TO 39	10	3	2	4	11	1	34	7	1	3
40 OR MORE	1	———	———	1	———	———	11	6	1	4
NO REPORT	62	10	1	62	47	9	255	55	6	69
PHYSICS	355	49	12	5,116	338	94	1,931	8,515	794	2,992
1 OR LESS	3	———	———	202	3	———	114	318	70	251
2 TO 4	39	7	1	968	39	10	460	1,602	269	658
5 TO 9	66	8	2	1,314	75	16	453	2,120	198	406
10 TO 14	64	11	1	894	52	11	267	1,277	72	180
15 TO 19	69	8	2	747	57	16	201	1,069	51	127
20 TO 24	48	5	2	326	34	13	104	558	23	56
25 TO 29	37	5	2	270	41	13	92	467	14	50
30 TO 34	15	3	1	124	16	8	58	383	16	40
35 TO 39	3	———	1	55	5	———	33	277	18	32
40 OR MORE	5	1	———	32	9	4	33	211	12	74
NO REPORT	6	1	———	184	7	3	116	233	51	1,118
MATHEMATICS	160	90	24	1,443	415	188	1,293	12,743	1,111	1,866
1 OR LESS	———	———	———	10	1	1	15	130	34	32
2 TO 4	20	12	1	170	42	17	243	1,994	372	497
5 TO 9	32	26	6	397	98	46	309	3,450	337	480
10 TO 14	35	17	4	348	84	46	231	2,369	123	230
15 TO 19	30	12	5	228	73	28	176	1,698	68	140
20 TO 24	19	12	4	103	43	22	94	922	35	72
25 TO 29	7	3	1	71	38	7	75	539	25	43
30 TO 34	5	1	1	32	11	7	53	458	21	36
35 TO 39	4	2	1	7	3	1	21	318	19	42
40 OR MORE	2	1	1	9	2	3	18	258	13	81
NO REPORT	6	4	———	68	20	10	58	607	64	213

APPENDIX TABLE A–41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1968—CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
COMPUTER SCIENCES	6,972	3,667	47	367	2,209	288	303	34	39
1 OR LESS	15	7	------	2	3	1	1	------	------
2 TO 4	1,002	523	5	57	282	46	46	1	2
5 TO 9	2,717	1,387	19	123	804	97	120	10	13
10 TO 14	1,634	861	8	87	546	61	74	9	7
15 TO 19	819	479	9	46	317	39	35	5	9
20 TO 24	251	141	1	19	101	14	9	------	2
25 TO 29	100	67	------	9	43	10	4	3	1
30 TO 34	46	25	3	5	15	6	4	4	4
35 TO 39	16	8	------	2	4	1	2	------	1
40 OR MORE	10	5	------	1	3	------	------	1	------
NO REPORT	362	164	2	16	91	13	8	1	------
AGRICULTURAL SCIENCES	12,740	8,858	4,760	89	278	335	161	46	149
1 OR LESS	384	254	90	2	30	12	5	2	2
2 TO 4	1,816	1,212	556	13	62	35	22	------	16
5 TO 9	2,645	1,953	941	15	35	54	24	8	11
10 TO 14	2,120	1,585	886	16	33	61	24	8	17
15 TO 19	2,182	1,467	825	16	28	57	33	7	30
20 TO 24	1,174	790	476	9	17	39	18	4	25
25 TO 29	665	455	294	3	17	21	9	7	10
30 TO 34	734	521	346	9	16	20	10	6	21
35 TO 39	315	229	140	3	6	15	6	1	9
40 OR MORE	144	78	52	------	2	4	1	------	3
NO REPORT	561	314	154	3	32	17	9	3	5
BIOLOGICAL SCIENCES	46,183	27,356	5,934	1,159	1,612	3,182	15,205	63	357
1 OR LESS	1,587	876	194	27	67	62	463	------	7
2 TO 4	6,826	3,851	819	150	232	401	1,975	1	27
5 TO 9	8,819	5,170	1,058	209	242	613	2,780	7	35
10 TO 14	7,497	4,740	1,015	178	226	568	2,735	11	52
15 TO 19	6,218	3,860	887	197	267	495	2,121	11	62
20 TO 24	3,957	2,439	612	125	172	291	1,407	6	51
25 TO 29	2,676	1,688	378	84	133	229	945	9	33
30 TO 34	2,065	1,206	318	61	76	171	595	10	32
35 TO 39	1,291	736	207	24	37	93	381	5	23
40 OR MORE	867	433	97	17	24	54	227	------	12
NO REPORT	4,380	2,357	349	87	136	205	1,576	3	23
PSYCHOLOGY	23,077	10,024	33	38	1,245	4,366	3,905	54	149
1 OR LESS	567	239	------	2	26	71	122	------	1
2 TO 4	3,148	1,370	1	6	165	491	625	3	13
5 TO 9	4,790	2,174	6	8	226	893	927	11	30
10 TO 14	4,346	2,013	6	3	253	935	781	7	25
15 TO 19	3,927	1,793	6	9	299	791	651	13	32
20 TO 24	1,982	850	4	3	110	398	282	5	14
25 TO 29	1,122	496	5	3	59	239	184	2	14
30 TO 34	854	358	2	2	35	200	96	5	6
35 TO 39	472	169	------	------	18	87	57	3	5
40 OR MORE	433	118	2	1	10	64	33	1	6
NO REPORT	1,436	444	1	1	44	197	147	4	3
STATISTICS	2,639	1,545	119	80	447	127	525	31	34
1 OR LESS	34	21	------	2	8	2	10	------	------
2 TO 4	411	192	15	8	47	18	80	2	------
5 TO 9	636	358	23	14	116	32	138	5	7
10 TO 14	400	233	17	14	84	20	68	7	4
15 TO 19	385	244	20	22	86	24	69	7	6
20 TO 24	248	154	13	10	39	13	48	3	2
25 TO 29	197	147	11	5	30	9	53	2	5
30 TO 34	137	101	9	1	15	5	31	2	8
35 TO 39	52	26	5	1	5	1	7	1	1
40 OR MORE	29	18	1	1	5	------	5	1	1
NO REPORT	110	51	5	2	12	3	16	1	------
ECONOMICS	11,510	4,353	1,360	41	464	617	265	215	698
1 OR LESS	284	83	24	1	10	6	6	3	10
2 TO 4	1,739	616	157	4	97	83	34	21	97
5 TO 9	2,125	845	267	3	84	102	47	38	101
10 TO 14	1,548	637	204	2	60	89	31	28	98
15 TO 19	1,459	596	192	12	68	108	40	36	101
20 TO 24	1,221	488	154	6	52	84	49	31	90
25 TO 29	676	291	80	3	28	37	17	17	67
30 TO 34	616	240	99	7	19	35	13	11	42
35 TO 39	277	91	36	------	5	14	6	2	15
40 OR MORE	314	69	20	------	7	10	3	4	16
NO REPORT	1,251	397	127	3	34	49	19	24	61

APPENDIX TABLE A-41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1968—CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
COMPUTER SCIENCES	67	45	11	928	194	93	267	2,776	240	289
1 OR LESS	———	———	———	1	1	2	———	7	———	1
2 TO 4	10	4	1	122	32	10	47	376	51	52
5 TO 9	26	16	4	384	67	19	86	1,113	96	121
10 TO 14	18	9	2	225	38	25	55	676	50	47
15 TO 19	4	10	3	110	27	20	44	299	19	22
20 TO 24	2	1	———	30	6	1	8	98	5	7
25 TO 29	3	1	———	13	4	6	8	30	1	2
30 TO 34	1	3	1	6	7	6	4	17	1	3
35 TO 39	———	———	———	1	1	1	1	5	1	2
40 OR MORE	———	———	———	———	———	1	———	3	———	2
NO REPORT	3	1	———	36	11	2	14	152	16	30
AGRICULTURAL SCIENCES	4,242	259	662	34	77	158	792	3,388	185	309
1 OR LESS	107	6	10	———	6	5	40	84	16	30
2 TO 4	597	20	74	9	9	14	118	487	68	49
5 TO 9	1,008	55	112	2	14	22	213	621	39	32
10 TO 14	761	52	137	3	10	29	136	505	8	22
15 TO 19	713	57	122	7	14	29	113	668	18	29
20 TO 24	371	23	63	2	3	19	60	359	11	14
25 TO 29	195	17	47	3	9	19	27	203	2	5
30 TO 34	242	11	59	2	3	15	26	194	———	19
35 TO 39	106	10	17	1	4	2	10	78	2	6
40 OR MORE	22	1	5	1	1	———	11	53	2	11
NO REPORT	122	7	16	4	4	4	38	136	19	92
BIOLOGICAL SCIENCES	2,592	131	202	611	96	124	2,277	14,861	1,279	2,687
1 OR LESS	70	———	4	25	4	1	80	465	99	147
2 TO 4	405	17	17	77	12	15	358	2,121	358	496
5 TO 9	551	27	26	106	17	16	399	2,938	288	423
10 TO 14	422	22	28	103	14	20	381	2,375	145	237
15 TO 19	394	25	39	102	18	20	294	2,108	95	155
20 TO 24	223	14	23	64	11	15	154	1,337	62	119
25 TO 29	155	11	15	53	9	11	150	880	31	77
30 TO 34	137	8	27	26	2	15	129	762	29	68
35 TO 39	63	1	8	9	4	3	70	483	23	49
40 OR MORE	36	3	3	7	———	3	52	365	16	53
NO REPORT	131	3	12	39	5	5	210	1,027	133	863
PSYCHOLOGY	31	24	46	309	163	249	1,645	10,567	1,119	1,367
1 OR LESS	———	———	———	11	3	2	39	233	47	48
2 TO 4	4	5	5	43	19	30	218	1,389	228	161
5 TO 9	6	6	13	66	31	45	349	2,140	249	227
10 TO 14	5	5	12	64	29	54	299	1,973	194	166
15 TO 19	9	5	8	65	43	55	265	1,866	152	116
20 TO 24	4	———	2	23	14	27	159	998	57	77
25 TO 29	1	1	3	13	11	13	105	543	55	28
30 TO 34	———	1	1	5	7	6	68	428	32	36
35 TO 39	———	1	1	4	———	5	28	253	19	31
40 OR MORE	1	———	1	1	1	3	27	215	14	86
NO REPORT	1	———	———	14	5	9	88	529	72	391
STATISTICS	53	14	6	109	54	39	314	843	92	159
1 OR LESS	———	———	———	2	———	———	———	12	———	1
2 TO 4	3	———	———	13	7	6	31	136	39	44
5 TO 9	15	1	1	29	9	10	47	216	27	35
10 TO 14	10	1	1	22	7	6	47	141	8	18
15 TO 19	9	5	1	17	9	7	41	125	6	10
20 TO 24	5	1	1	10	10	4	41	79	2	13
25 TO 29	5	5	2	5	6	4	46	43	2	5
30 TO 34	4	1	———	5	2	———	33	29	1	6
35 TO 39	———	———	———	2	1	1	7	20	2	4
40 OR MORE	———	———	———	———	2	———	5	5	———	6
NO REPORT	2	———	———	4	1	1	16	37	5	17
ECONOMICS	522	180	361	94	307	502	1,044	6,248	259	650
1 OR LESS	7	2	3	———	4	6	22	148	21	32
2 TO 4	75	29	51	10	38	70	125	941	75	107
5 TO 9	101	37	61	14	64	102	207	1,139	52	89
10 TO 14	93	26	55	15	48	80	136	849	21	41
15 TO 19	76	26	67	16	47	80	149	802	29	32
20 TO 24	53	22	43	13	37	62	118	683	13	37
25 TO 29	25	6	16	5	18	26	80	361	9	15
30 TO 34	26	8	19	3	12	23	68	346	6	24
35 TO 39	13	3	11	———	5	8	26	174	3	9
40 OR MORE	5	2	3	3	4	5	15	200	4	41
NO REPORT	48	19	32	15	30	40	98	605	26	223

APPENDIX TABLE A–41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1968—CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
SOCIOLOGY	6,638	2,311	176	6	97	735	875	105	171
1 OR LESS	364	119	5	------	6	38	43	8	4
2 TO 4	1,266	422	33	2	18	125	141	20	16
5 TO 9	1,079	405	24	1	12	134	160	19	21
10 TO 14	663	265	20	------	16	88	100	11	20
15 TO 19	583	265	15	1	13	83	114	9	23
20 TO 24	396	146	15	------	4	56	54	5	22
25 TO 29	197	78	8	1	4	26	24	6	11
30 TO 34	177	62	12	1	1	20	21	------	14
35 TO 39	104	33	5	------	2	17	10	2	5
40 OR MORE	92	21	2	------	2	7	6	2	------
NO REPORT	1,717	495	37	------	19	141	202	23	35
POLITICAL SCIENCE	5,176	1,484	27	20	305	492	116	65	334
1 OR LESS	387	84	2	------	14	23	5	2	16
2 TO 4	1,121	285	2	3	56	89	19	9	54
5 TO 9	960	285	3	5	62	101	17	12	54
10 TO 14	582	177	4	2	30	65	19	11	41
15 TO 19	468	164	3	1	39	59	16	10	39
20 TO 24	347	111	2	1	22	34	10	4	34
25 TO 29	225	99	6	4	34	30	6	4	27
30 TO 34	218	76	1	------	12	25	3	2	21
35 TO 39	97	21	------	------	4	7	2	2	10
40 OR MORE	102	13	------	------	1	3	1	------	3
NO REPORT	669	169	4	4	31	56	18	9	35
ANTHROPOLOGY	1,219	476	16	3	25	117	142	9	59
1 OR LESS	22	6	------	------	------	2	3	------	------
2 TO 4	130	55	2	2	------	14	17	1	6
5 TO 9	242	85	3	------	3	21	26	1	7
10 TO 14	185	86	5	------	8	22	26	2	11
15 TO 19	140	60	3	1	9	16	18	1	16
20 TO 24	88	42	1	------	3	8	13	------	3
25 TO 29	47	23	------	------	------	5	7	1	2
30 TO 34	52	18	1	------	------	4	4	------	1
35 TO 39	26	9	------	------	------	1	2	------	2
40 OR MORE	27	14	------	------	------	4	2	------	1
NO REPORT	240	78	1	------	2	20	24	3	10
LINGUISTICS	1,341	450	2	2	77	259	38	------	39
1 OR LESS	45	11	------	------	3	4	------	------	------
2 TO 4	213	57	1	------	10	30	9	------	3
5 TO 9	277	84	1	------	15	46	8	------	7
10 TO 14	244	83	------	1	16	47	11	------	7
15 TO 19	173	61	------	1	13	31	3	------	8
20 TO 24	99	39	------	------	6	20	2	------	5
25 TO 29	57	17	------	------	1	13	------	------	4
30 TO 34	64	21	------	------	1	14	------	------	------
35 TO 39	51	10	------	------	2	6	------	------	1
40 OR MORE	37	6	------	------	1	4	------	------	------
NO REPORT	201	61	------	------	9	34	5	------	4

(A)OF THIS NUMBER, 37,036 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A–41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1968—CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
SOCIOLOGY	43	28	142	21	43	311	591	3,240	233	854
1 OR LESS	2	1	7	------	------	14	32	169	22	54
2 TO 4	7	8	25	2	8	55	104	625	82	137
5 TO 9	3	3	21	4	7	50	111	564	34	76
10 TO 14	5	2	11	3	4	40	69	337	25	36
15 TO 19	8	5	14	3	6	40	69	292	6	20
20 TO 24	1	1	18	1	1	17	34	221	4	25
25 TO 29	3	2	5	2	3	12	27	114	3	2
30 TO 34	------	------	6	1	2	8	15	103	3	9
35 TO 39	3	1	5	------	------	7	7	61	4	6
40 OR MORE	------	------	1	------	------	2	9	54	1	16
NO REPORT	11	5	29	5	12	66	114	700	49	473
POLITICAL SCIENCE	46	34	55	49	59	203	366	3,154	178	360
1 OR LESS	2	------	5	3	1	10	20	235	20	48
2 TO 4	7	5	10	4	8	28	79	679	65	92
5 TO 9	7	5	6	8	9	41	66	595	35	45
10 TO 14	8	8	8	7	10	29	43	370	19	16
15 TO 19	5	7	8	3	6	30	30	277	11	16
20 TO 24	4	3	6	5	5	16	22	220	5	11
25 TO 29	5	2	5	7	8	8	22	111	2	13
30 TO 34	3	------	2	2	3	13	21	131	5	6
35 TO 39	------	------	------	1	------	2	5	67	------	9
40 OR MORE	1	------	------	1	------	------	5	55	1	33
NO REPORT	4	4	5	8	9	26	53	414	15	71
ANTHROPOLOGY	28	12	32	6	9	19	187	577	43	123
1 OR LESS	------	------	------	------	------	------	1	11	2	3
2 TO 4	3	1	4	1	1	3	22	76	9	10
5 TO 9	3	3	4	------	1	1	35	128	12	17
10 TO 14	10	4	9	1	4	4	27	87	2	10
15 TO 19	4	------	5	2	2	4	18	62	5	13
20 TO 24	2	1	2	2	1	2	15	40	1	5
25 TO 29	2	1	1	------	------	------	12	21	------	3
30 TO 34	------	1	2	------	------	1	11	25	1	8
35 TO 39	------	------	------	------	------	------	6	9	1	7
40 OR MORE	------	1	------	------	------	------	8	7	------	6
NO REPORT	4	------	5	------	------	4	32	111	10	41
LINGUISTICS	1	1	2	4	1	3	105	816	79	196
1 OR LESS	------	------	------	------	------	------	5	22	3	9
2 TO 4	1	------	1	1	1	2	14	102	19	33
5 TO 9	------	1	------	------	------	------	20	142	21	30
10 TO 14	------	------	1	2	------	------	19	135	10	16
15 TO 19	------	------	------	------	------	1	15	102	4	8
20 TO 24	------	------	------	------	------	------	2	53	2	5
25 TO 29	------	------	------	------	------	------	2	35	1	4
30 TO 34	------	------	------	------	------	------	7	41	1	1
35 TO 39	------	------	------	------	------	------	2	37	4	------
40 OR MORE	------	------	------	------	------	------	2	25	1	5
NO REPORT	------	------	------	1	------	------	17	122	13	65

APPENDIX TABLE A-42. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY HIGHEST DEGREE, 1968

HIGHEST DEGREE AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL DEGREES	105,749	41,619	27,644	12,835	8,564	2,916	25,360	298	4,188	4,662	2,088	------	18,970
RESEARCH AND DEVELOPMENT (A)	37,126	6,552	1,812	4,179	1,654	1,420	19,614	115	531	2,327	497	------	5,836
BASIC RESEARCH	28,806	3,946	------	3,711	1,027	885	16,290	59	175	1,737	370	------	5,202
APPLIED RESEARCH	7,944	2,410	1,775	340	587	505	3,277	46	329	558	124	------	613
MANAGEMENT OR ADMINISTRATION (B)	9,326	2,282	1,014	1,066	892	564	4,374	58	453	342	95	------	830
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	3,545	1,497	639	773	328	------	1,199	15	96	149	16	------	245
TEACHING	51,692	31,327	24,305	6,722	5,701	849	------	88	2,954	1,853	1,438	------	8,331
PRODUCTION & INSPECTION	245	112	27	60	30	9	15	12	10	18	2	------	46
CONSULTING	1,620	505	53	433	149	27	608	5	144	45	26	------	138
EXPLORATION, FORECASTING, AND REPORTING	766	294	128	137	63	29	157	14	69	27	19	------	123
OTHER	1,679	547	305	238	75	18	592	6	27	50	11	------	371
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	3,295	------	------	------	------	------	------	------	------	------	------	------	3,295
DOCTORATE DEGREE	63,869	28,597	20,978	7,147	5,785	2,063	17,039	75	2,427	2,063	669	------	7,214
RESEARCH AND DEVELOPMENT (A)	20,552	2,306	851	1,745	1,098	946	13,158	19	215	896	88	------	2,272
BASIC RESEARCH	16,527	1,678	------	1,587	751	644	11,136	10	80	741	42	------	2,089
APPLIED RESEARCH	3,924	1,076	838	128	333	292	2,000	8	133	149	45	------	180
MANAGEMENT OR ADMINISTRATION (B)	6,750	1,636	836	673	672	430	3,360	19	304	150	47	------	562
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	2,576	1,058	516	494	242	------	947	7	61	82	10	------	169
TEACHING	33,243	23,712	19,187	4,404	3,864	641	------	34	1,792	992	520	------	2,329
PRODUCTION & INSPECTION	36	19	6	10	7	5	1	2	1	2	------	------	4
CONSULTING	855	224	22	195	96	18	354	1	98	14	13	------	55
EXPLORATION, FORECASTING, AND REPORTING	212	73	43	26	19	11	32	------	12	3	1	------	32
OTHER	332	127	33	94	29	12	94	------	5	6	------	------	71
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	1,889	------	------	------	------	------	------	------	------	------	------	------	1,889
PROFESSIONAL MEDICAL DEGREE	3,881	1,162	408	754	312	181	1,634	5	255	28	27	------	458
RESEARCH AND DEVELOPMENT (A)	1,956	286	78	208	86	73	1,273	2	129	14	8	------	158
BASIC RESEARCH	1,156	172	------	172	46	40	753	2	53	9	7	------	114
APPLIED RESEARCH	800	114	78	36	40	33	520	------	76	5	1	------	44
MANAGEMENT OR ADMINISTRATION (B)	488	110	41	69	77	55	247	2	14	3	2	------	33
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	232	68	28	40	22	------	119	------	4	1	------	------	18
TEACHING	947	652	258	394	134	49	------	------	112	8	14	------	27
PRODUCTION & INSPECTION	1	1	------	1	------	------	------	------	------	------	------	------	------
CONSULTING	257	98	24	74	13	3	107	------	------	2	3	------	34
EXPLORATION, FORECASTING, AND REPORTING	6	2	1	1	1	------	1	1	------	------	------	------	1
OTHER	31	13	6	7	1	1	6	------	------	1	------	------	10
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	195	------	------	------	------	------	------	------	------	------	------	------	195
MASTER'S DEGREE	26,932	8,732	4,689	3,603	2,045	486	3,979	90	1,299	1,751	1,056	------	7,980
RESEARCH AND DEVELOPMENT (A)	8,240	2,186	607	1,373	309	266	2,819	18	135	826	206	------	1,741
BASIC RESEARCH	5,865	1,288	------	1,206	141	126	2,230	11	25	549	151	------	1,470
APPLIED RESEARCH	2,235	824	594	121	158	133	573	6	96	266	53	------	259
MANAGEMENT OR ADMINISTRATION (B)	1,578	365	90	228	106	60	651	17	104	127	30	------	178
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	511	249	64	166	46	------	106	------	22	42	3	------	43
TEACHING	14,711	5,636	3,806	1,670	1,533	136	------	47	961	731	797	------	5,006
PRODUCTION & INSPECTION	75	27	5	17	8	2	8	2	6	6	------	------	18
CONSULTING	438	168	6	154	31	5	128	1	44	19	8	------	39
EXPLORATION, FORECASTING, AND REPORTING	342	135	53	70	29	14	65	2	35	13	10	------	53
OTHER	762	215	122	91	29	3	308	3	14	29	5	------	159
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	786	------	------	------	------	------	------	------	------	------	------	------	786

APPENDIX TABLE A-42. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY HIGHEST DEGREE, 1968--CONTINUED

HIGHEST DEGREE AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
BACHELOR'S DEGREE - -	10,587	2,973	1,481	1,273	400	175	2,598	123	184	788	329	------	3,192
RESEARCH AND DEVELOPMENT (A) - - - -	6,161	1,233	269	821	154	128	2,278	72	44	574	190	------	1,616
BASIC RESEARCH - - - -	5,099	780	------	718	88	74	2,099	36	15	426	165	------	1,490
APPLIED RESEARCH - - -	934	385	258	93	51	42	170	29	20	133	25	------	121
MANAGEMENT OR ADMINISTRATION (B) - -	468	158	44	89	36	18	100	19	28	57	16	------	54
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	208	114	28	68	18	------	20	8	7	23	3	------	15
TEACHING - - - - - - - -	2,632	1,236	982	238	160	21	------	7	79	114	105	------	931
PRODUCTION & INSPECTION	131	64	15	32	15	2	6	8	3	9	2	------	24
CONSULTING - - - - - - -	67	14	------	10	9	1	17	3	2	10	2	------	10
EXPLORATION, FORECASTING, AND REPORTING - -	189	78	29	37	10	3	17	11	20	11	8	------	34
OTHER - - - - - - - - -	542	190	142	46	16	2	180	3	8	13	6	------	126
NOT EMPLOYED - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - -	397	------	------	------	------	------	------	------	------	------	------	------	397
LESS THAN BACHELOR'S DEGREE - - - - - - -	7	2	1	1	------	------	1	------	1	------	------	------	3
RESEARCH AND DEVELOPMENT (A) - - - -	3	2	1	1	------	------	------	------	------	------	------	------	1
BASIC RESEARCH - - - -	1	1	------	1	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH - - -	2	1	1	------	------	------	------	------	------	------	------	------	1
MANAGEMENT OR ADMINISTRATION (B) - -	1	------	------	------	------	------	1	------	------	------	------	------	------
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	------	------	------	------	------	------	------	------	------	------	------	------	------
TEACHING - - - - - - - -	1	------	------	------	------	------	------	------	1	------	------	------	------
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING - - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING - -	------	------	------	------	------	------	------	------	------	------	------	------	------
OTHER - - - - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
NOT EMPLOYED - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - -	2	------	------	------	------	------	------	------	------	------	------	------	2
NO REPORT OF DEGREE -	473	153	87	57	22	11	109	5	22	32	7	------	123
RESEARCH AND DEVELOPMENT (A) - - - -	214	39	6	31	7	7	86	4	8	17	5	------	48
BASIC RESEARCH - - - -	158	27	------	27	1	1	72	------	2	12	5	------	39
APPLIED RESEARCH - - -	49	10	6	2	5	5	14	3	4	5	------	------	8
MANAGEMENT OR ADMINISTRATION (B) - -	41	13	3	7	1	1	15	1	3	5	------	------	3
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	18	8	3	5	------	------	7	------	2	1	------	------	------
TEACHING - - - - - - - -	158	91	72	16	10	2	------	------	9	8	2	------	38
PRODUCTION & INSPECTION	2	1	1	------	------	------	------	------	------	1	------	------	------
CONSULTING - - - - - - -	3	1	1	------	------	------	2	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING - -	17	6	2	3	4	1	2	------	2	------	------	------	3
OTHER - - - - - - - - -	12	2	2	------	------	------	4	------	------	1	------	------	5
NOT EMPLOYED - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - -	26	------	------	------	------	------	------	------	------	------	------	------	26

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-43. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY FIELD, 1968

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL FIELDS	105,749	41,619	27,644	12,835	8,564	2,916	25,360	298	4,188	4,662	2,088	------	18,970
RESEARCH AND DEVELOPMENT (A)	37,126	6,552	1,812	4,179	1,654	1,420	19,614	115	531	2,327	497	------	5,836
BASIC RESEARCH	28,806	3,946	------	3,711	1,027	885	16,290	59	175	1,737	370	------	5,202
APPLIED RESEARCH	7,944	2,410	1,775	340	587	505	3,277	46	329	558	124	------	613
MANAGEMENT OR ADMINISTRATION (B)	9,326	2,282	1,014	1,066	892	564	4,374	58	453	342	95	------	830
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	3,545	1,497	639	773	328	------	1,199	15	96	149	16	------	245
TEACHING	51,692	31,327	24,305	6,722	5,701	849	------	88	2,954	1,853	1,438	------	8,331
PRODUCTION & INSPECTION	245	112	27	60	30	9	15	12	10	18	2	------	46
CONSULTING	1,620	505	53	433	149	27	608	5	144	45	26	------	138
EXPLORATION, FORECASTING, AND REPORTING	766	294	128	137	63	29	157	14	69	27	19	------	123
OTHER	1,679	547	305	238	75	18	592	6	27	50	11	------	371
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	3,295	------	------	------	------	------	------	------	------	------	------	------	3,295
CHEMISTRY	18,740	6,889	5,053	1,617	1,158	398	4,741	181	297	647	333	------	4,494
RESEARCH AND DEVELOPMENT (A)	8,496	1,307	248	925	238	209	4,097	85	36	466	186	------	2,081
BASIC RESEARCH	7,607	936	------	887	175	153	3,856	52	20	418	174	------	1,976
APPLIED RESEARCH	825	334	248	1	54	48	238	29	14	47	12	------	97
MANAGEMENT OR ADMINISTRATION (B)	1,060	262	143	89	99	68	464	41	29	36	10	------	119
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	364	157	73	70	31	------	108	10	5	20	2	------	31
TEACHING	7,823	5,054	4,501	526	769	106	------	36	226	133	125	------	1,480
PRODUCTION & INSPECTION	182	93	23	48	23	6	10	11	4	7	1	------	33
CONSULTING	47	9	2	3	4	2	8	3	------	1	2	------	15
EXPLORATION, FORECASTING, AND REPORTING	44	8	5	2	10	2	3	2	------	------	3	------	18
OTHER	461	156	131	24	15	5	159	3	2	4	6	------	116
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	632	------	------	------	------	------	------	------	------	------	------	------	632
EARTH & MARINE SCIENCES	5,479	2,468	1,907	560	432	110	840	26	189	333	57	------	1,134
RESEARCH AND DEVELOPMENT (A)	1,195	214	61	153	55	47	612	6	15	113	12	------	168
BASIC RESEARCH	973	152	------	152	48	41	539	1	7	81	9	------	136
APPLIED RESEARCH	221	61	61	------	7	6	73	5	8	32	3	------	32
MANAGEMENT OR ADMINISTRATION (B)	393	84	59	25	26	14	199	2	9	29	5	------	39
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	154	58	37	21	12	------	54	------	4	16	------	------	10
TEACHING	3,559	2,134	1,763	370	341	46	------	13	161	179	37	------	694
PRODUCTION & INSPECTION	14	5	4	1	1	------	------	------	1	5	------	------	2
CONSULTING	4	------	------	------	------	------	2	------	------	1	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	68	23	14	9	4	1	14	4	1	1	3	------	18
OTHER	57	8	6	2	5	2	13	1	2	5	------	------	23
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	189	------	------	------	------	------	------	------	------	------	------	------	189
ATMOSPHERIC & SPACE SCIENCES	728	300	152	148	54	35	175	3	13	78	11	------	94
RESEARCH AND DEVELOPMENT (A)	407	117	33	84	30	28	147	3	4	56	5	------	45
BASIC RESEARCH	285	84	------	84	19	17	108	2	2	36	2	------	32
APPLIED RESEARCH	122	33	33	------	11	11	39	1	2	20	3	------	13
MANAGEMENT OR ADMINISTRATION (B)	60	24	11	13	2	1	25	------	1	3	2	------	3
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	39	24	11	13	1	------	9	------	1	1	1	------	2
TEACHING	199	136	95	41	21	6	------	------	7	16	4	------	15
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	2	1	------	1	------	------	1	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	14	9	4	5	------	------	1	------	1	2	------	------	1
OTHER	23	13	9	4	1	------	1	------	------	1	------	------	7
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	23	------	------	------	------	------	------	------	------	------	------	------	23

APPENDIX TABLE A-43. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY FIELD, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY											
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
PHYSICS	13,996	5,130	3,207	1,487	1,103	474	3,253	14	257	888	129	------	3,222
RESEARCH AND DEVELOPMENT (A)	7,063	1,399	234	846	365	331	2,908	4	69	736	18	------	1,564
BASIC RESEARCH	5,983	868	------	712	250	230	2,719	1	43	617	14	------	1,471
APPLIED RESEARCH	952	439	207	97	104	94	182	3	23	108	3	------	90
MANAGEMENT OR ADMINISTRATION (B)	970	405	195	165	78	60	322	2	31	28	6	------	98
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	533	343	150	152	18	------	102	1	13	13	2	------	41
TEACHING	5,367	3,231	2,734	438	642	74	------	7	147	110	99	------	1,131
PRODUCTION & INSPECTION	9	3	------	2	1	1	1	------	------	------	1	------	3
CONSULTING	26	3	------	2	3	1	6	------	------	3	2	------	9
EXPLORATION, FORECASTING, AND REPORTING	119	72	37	25	9	5	6	1	8	5	3	------	15
OTHER	57	17	7	9	5	2	10	------	2	6	------	------	17
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	385	------	------	------	------	------	------	------	------	------	------	------	385
MATHEMATICS	10,740	3,614	2,833	695	875	113	2,065	13	433	791	397	------	2,552
RESEARCH AND DEVELOPMENT (A)	1,983	184	42	121	48	35	1,467	1	45	98	14	------	126
BASIC RESEARCH	1,598	86	------	84	19	10	1,328	------	12	42	9	------	102
APPLIED RESEARCH	353	85	41	25	26	22	135	------	30	50	5	------	22
MANAGEMENT OR ADMINISTRATION (B)	716	113	43	57	38	24	422	------	22	60	7	------	54
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	176	68	21	45	14	------	54	------	9	19	1	------	11
TEACHING	7,339	3,252	2,723	484	777	47	------	9	352	617	372	------	1,960
PRODUCTION & INSPECTION	4	1	------	------	------	------	------	------	------	1	------	------	2
CONSULTING	33	8	2	4	3	2	8	------	------	7	------	------	7
EXPLORATION, FORECASTING, AND REPORTING	104	34	13	17	9	5	31	2	13	2	3	------	10
OTHER	183	22	10	12	------	------	137	1	1	6	1	------	15
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	378	------	------	------	------	------	------	------	------	------	------	------	378
COMPUTER SCIENCES	906	331	89	185	75	43	162	10	88	128	14	------	98
RESEARCH AND DEVELOPMENT (A)	336	113	13	70	30	23	75	6	27	58	3	------	24
BASIC RESEARCH	81	25	------	22	4	3	34	------	------	10	------	------	8
APPLIED RESEARCH	183	67	11	29	15	12	35	2	14	36	2	------	12
MANAGEMENT OR ADMINISTRATION (B)	175	51	8	32	11	5	63	------	11	28	6	------	5
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	80	33	5	22	6	------	25	------	4	8	1	------	3
TEACHING	167	98	57	39	19	11	------	------	20	16	2	------	12
PRODUCTION & INSPECTION	6	2	------	2	------	------	------	------	------	3	------	------	1
CONSULTING	23	5	------	4	2	1	5	------	------	8	1	------	2
EXPLORATION, FORECASTING, AND REPORTING	131	52	10	31	12	3	16	4	24	5	1	------	17
OTHER	38	10	1	7	1	------	3	------	6	10	1	------	7
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	30	------	------	------	------	------	------	------	------	------	------	------	30
AGRICULTURAL SCIENCES	2,898	1,226	443	781	324	141	708	------	24	121	90	------	405
RESEARCH AND DEVELOPMENT (A)	1,335	470	302	168	101	80	543	------	5	68	47	------	101
BASIC RESEARCH	383	168	------	168	19	16	138	------	1	16	7	------	34
APPLIED RESEARCH	952	302	302	------	82	64	405	------	4	52	40	------	67
MANAGEMENT OR ADMINISTRATION (B)	392	119	12	105	78	27	128	------	5	9	7	------	46
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	219	91	8	82	51	------	50	------	3	3	1	------	20
TEACHING	871	553	115	438	126	31	------	------	13	35	35	------	109
PRODUCTION & INSPECTION	2	------	------	------	2	1	------	------	------	------	------	------	------
CONSULTING	1	------	------	------	------	------	------	------	------	------	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	14	4	1	3	1	------	3	------	1	------	1	------	4
OTHER	177	80	13	67	10	2	34	------	------	9	------	------	38
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	106	------	------	------	------	------	------	------	------	------	------	------	106

APPENDIX TABLE A-43. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY FIELD, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
BIOLOGICAL SCIENCES	23,917	9,344	6,488	2,846	1,809	763	7,730	11	354	592	449	------	3,628
RESEARCH AND DEVELOPMENT (A)	11,156	2,053	667	1,385	463	397	6,482	4	160	399	174	------	1,421
BASIC RESEARCH	8,760	1,300	------	1,299	339	290	5,315	2	69	344	134	------	1,257
APPLIED RESEARCH	2,392	752	667	85	124	107	1,165	2	90	55	40	------	164
MANAGEMENT OR ADMINISTRATION (B)	2,095	547	337	209	272	165	1,008	3	24	37	17	------	187
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	955	366	218	148	107	------	389	------	7	15	3	------	68
TEACHING	9,080	6,413	5,335	1,070	1,039	188	------	3	170	146	251	------	1,058
PRODUCTION & INSPECTION	8	2	------	2	1	1	2	------	------	------	------	------	3
CONSULTING	328	135	36	99	19	6	126	------	------	5	3	------	40
EXPLORATION, FORECASTING, AND REPORTING	68	23	17	6	4	3	18	1	------	------	3	------	19
OTHER	363	171	96	75	11	3	94	------	------	5	1	------	81
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	819	------	------	------	------	------	------	------	------	------	------	------	819
PSYCHOLOGY	10,095	3,970	1,861	1,893	904	330	2,355	5	1,660	229	172	------	800
RESEARCH AND DEVELOPMENT (A)	2,076	362	81	236	142	118	1,239	------	117	104	19	------	93
BASIC RESEARCH	1,238	143	------	123	67	55	901	------	11	57	9	------	50
APPLIED RESEARCH	793	196	75	99	71	60	324	------	105	46	9	------	42
MANAGEMENT OR ADMINISTRATION (B)	1,538	340	83	206	115	83	674	2	258	30	13	------	106
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	430	179	44	125	32	------	152	------	30	16	1	------	20
TEACHING	5,087	2,925	1,676	1,140	531	113	------	2	1,124	89	122	------	294
PRODUCTION & INSPECTION	3	2	------	2	------	------	------	------	1	------	------	------	------
CONSULTING	1,050	313	8	296	109	14	402	1	144	6	17	------	58
EXPLORATION, FORECASTING, AND REPORTING	38	13	6	5	2	2	14	------	4	------	------	------	5
OTHER	72	15	7	8	5	------	26	------	12	------	1	------	13
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	231	------	------	------	------	------	------	------	------	------	------	------	231
STATISTICS	884	368	180	187	41	17	198	7	123	75	7	------	65
RESEARCH AND DEVELOPMENT (A)	204	29	7	22	9	9	121	2	15	22	------	------	6
BASIC RESEARCH	105	18	------	18	------	------	76	1	2	5	------	------	3
APPLIED RESEARCH	97	10	7	3	9	9	45	1	12	17	------	------	3
MANAGEMENT OR ADMINISTRATION (B)	71	16	3	13	4	2	33	------	3	12	------	------	3
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	29	10	3	7	2	------	9	------	2	4	------	------	2
TEACHING	468	286	165	120	26	5	------	3	93	29	7	------	24
PRODUCTION & INSPECTION	1	1	------	1	------	------	------	------	------	------	------	------	------
CONSULTING	67	22	3	19	1	------	33	1	------	10	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	34	11	2	9	1	1	7	------	12	2	------	------	1
OTHER	12	3	------	3	------	------	4	1	------	------	------	------	4
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	27	------	------	------	------	------	------	------	------	------	------	------	27
ECONOMICS	6,649	2,876	1,460	1,355	711	180	1,280	23	475	251	127	------	906
RESEARCH AND DEVELOPMENT (A)	1,128	122	60	53	56	43	783	4	25	66	6	------	66
BASIC RESEARCH	440	49	------	47	16	10	336	------	3	14	1	------	21
APPLIED RESEARCH	668	67	59	1	38	32	441	3	20	51	5	------	43
MANAGEMENT OR ADMINISTRATION (B)	820	127	22	79	86	53	451	8	36	23	9	------	80
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	246	64	15	42	33	------	106	4	11	11	------	------	17
TEACHING	4,383	2,577	1,368	1,186	551	80	------	10	408	151	112	------	574
PRODUCTION & INSPECTION	16	3	------	2	2	------	2	1	4	2	------	------	2
CONSULTING	23	7	1	4	4	------	8	------	------	1	------	------	3
EXPLORATION, FORECASTING, AND REPORTING	48	19	7	12	5	3	11	------	------	7	------	------	6
OTHER	67	21	2	19	7	1	25	------	2	1	------	------	11
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	164	------	------	------	------	------	------	------	------	------	------	------	164

APPENDIX TABLE A-43. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY FIELD, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
SOCIOLOGY	4,794	2,074	1,461	610	501	175	887	2	72	269	153	------	836
RESEARCH AND DEVELOPMENT (A)	999	129	44	85	87	80	582	------	5	96	10	------	90
BASIC RESEARCH	732	85	------	85	49	44	449	------	2	66	8	------	73
APPLIED RESEARCH	267	44	44	------	38	36	133	------	3	30	2	------	17
MANAGEMENT OR ADMINISTRATION (B)	446	106	52	53	34	25	228	------	5	22	5	------	46
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	166	63	26	37	9	------	66	------	------	13	2	------	13
TEACHING	3,057	1,800	1,337	461	376	68	------	2	62	147	136	------	534
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	11	1	1	------	1	------	5	------	------	1	1	------	2
EXPLORATION, FORECASTING, AND REPORTING	27	8	5	3	2	2	10	------	------	------	------	------	7
OTHER	126	30	22	8	1	------	62	------	------	3	1	------	29
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	128	------	------	------	------	------	------	------	------	------	------	------	128
POLITICAL SCIENCE	3,844	1,930	1,591	291	399	89	574	3	159	129	118	------	532
RESEARCH AND DEVELOPMENT (A)	413	32	9	21	17	9	308	------	4	22	1	------	29
BASIC RESEARCH	344	22	------	20	12	6	275	------	1	14	1	------	19
APPLIED RESEARCH	61	9	9	------	5	3	28	------	2	8	------	------	9
MANAGEMENT OR ADMINISTRATION (B)	423	64	29	13	41	29	235	------	18	19	8	------	38
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	106	25	16	5	12	------	50	------	6	6	2	------	5
TEACHING	2,848	1,824	1,549	252	329	45	------	3	135	84	108	------	365
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	7	------	------	------	2	1	3	------	------	2	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	25	10	4	5	2	2	7	------	2	2	1	------	1
OTHER	38	------	------	------	8	3	21	------	------	------	------	------	9
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	90	------	------	------	------	------	------	------	------	------	------	------	90
ANTHROPOLOGY	982	574	535	39	65	26	197	------	14	46	4	------	82
RESEARCH AND DEVELOPMENT (A)	183	7	3	4	6	6	141	------	3	12	------	------	14
BASIC RESEARCH	163	4	------	4	5	5	129	------	1	10	------	------	14
APPLIED RESEARCH	20	3	3	------	1	1	12	------	2	2	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	72	10	9	1	3	3	50	------	1	4	------	------	4
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	31	9	8	1	------	------	17	------	1	2	------	------	2
TEACHING	677	533	521	32	36	17	------	------	9	29	4	------	26
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	1	1	------	1	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	9	3	2	1	------	------	4	------	1	1	------	------	------
OTHER	2	------	------	------	------	------	2	------	------	------	------	------	------
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	38	------	------	------	------	------	------	------	------	------	------	------	38
LINGUISTICS	1,097	525	384	141	113	22	195	------	30	85	27	------	122
RESEARCH AND DEVELOPMENT (A)	152	14	8	6	7	5	109	------	1	11	2	------	8
BASIC RESEARCH	114	6	------	6	5	5	87	------	1	7	2	------	6
APPLIED RESEARCH	38	8	8	------	2	------	22	------	------	4	------	------	2
MANAGEMENT OR ADMINISTRATION (B)	95	14	8	6	5	5	72	------	------	2	------	------	2
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	17	7	4	3	------	------	8	------	------	2	------	------	------
TEACHING	767	491	366	125	98	12	------	------	27	72	24	------	55
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	2	------	------	------	1	------	1	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	23	5	1	4	2	------	12	------	2	------	1	------	1
OTHER	3	1	1	------	------	------	1	------	------	------	------	------	1
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	55	------	------	------	------	------	------	------	------	------	------	------	55

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-44. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY FIELD, HIGHEST DEGREE, AND ACADEMIC RANK, 1968

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL FIELDS	77,052	464	19,976	16,313	20,442	6,693	1,028	780	5,909	1,330	4,117
DOCTORATE	50,282	383	17,776	13,516	14,447	940	455	588	234	374	1,569
PROFESSIONAL MEDICAL	2,581	30	998	651	592	102	5	19	8	73	103
MASTER'S	18,690	47	1,013	1,990	4,982	4,985	464	121	2,804	640	1,644
BACHELOR'S	5,230	2	116	108	378	639	98	46	2,836	233	774
LESS THAN BACHELOR'S	2	------	------	------	------	1	------	------	------	------	1
NO REPORT	267	2	73	48	43	26	6	6	27	10	26
CHEMISTRY	12,564	53	2,760	2,224	2,569	792	112	194	2,573	290	997
DOCTORATE	7,606	47	2,570	1,949	2,175	138	47	163	105	84	328
PROFESSIONAL MEDICAL	24	1	4	3	5	1	------	2	1	2	5
MASTER'S	2,263	5	151	248	326	496	48	17	645	85	242
BACHELOR'S	2,627	------	27	19	58	154	17	12	1,811	116	413
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	44	------	8	5	5	3	------	------	11	3	9
EARTH & MARINE SCIENCES	4,399	30	1,012	856	1,135	462	76	32	632	43	121
DOCTORATE	2,507	27	938	715	719	24	15	20	4	12	33
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------	------
MASTER'S	1,361	3	57	132	389	372	41	8	271	18	70
BACHELOR'S	519	------	15	8	23	66	20	4	352	13	18
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	12	------	2	1	4	------	------	------	[illegible]	------	------
ATMOSPHERIC & SPACE SCIENCES	374	------	99	74	78	32	5	10	46	8	22
DOCTORATE	209	------	83	53	55	2	1	5	------	3	7
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------	------
MASTER'S	115	------	11	18	19	22	4	4	27	2	8
BACHELOR'S	45	------	4	2	3	7	------	1	19	2	7
LESS THAN BACHELOR'S	1	------	------	------	------	1	------	------	------	------	------
NO REPORT	4	------	1	1	1	------	------	------	------	1	------
PHYSICS	8,620	34	2,128	1,713	2,345	757	120	198	736	3	586
DOCTORATE	5,732	27	1,952	1,418	1,748	115	67	155	25	------	225
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------	------
MASTER'S	2,280	7	159	274	558	508	39	27	439	1	268
BACHELOR'S	585	------	12	20	36	128	13	14	269	2	91
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	23	------	5	1	3	6	1	2	3	------	2
MATHEMATICS	9,404	10	1,764	1,706	2,966	1,537	132	23	460	384	422
DOCTORATE	4,810	6	1,566	1,168	1,664	166	56	12	20	44	108
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	------	1	------
MASTER'S	4,355	3	182	510	1,261	1,916	71	10	407	310	285
BACHELOR'S	217	1	11	21	41	51	4	1	32	29	26
LESS THAN BACHELOR'S	1	------	------	------	------	------	------	------	------	------	1
NO REPORT	20	------	5	7	------	4	1	------	1	------	2
COMPUTER SCIENCES	329	------	48	67	84	43	3	3	14	30	37
DOCTORATE	153	------	42	54	52	------	------	2	------	1	2
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	1	------	------
MASTER'S	124	------	3	12	25	30	3	1	11	19	20
BACHELOR'S	49	------	3	1	7	13	------	------	1	10	14
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	2	------	------	------	------	------	------	------	1	------	1
AGRICULTURAL SCIENCES	1,579	1	481	361	312	97	4	6	92	37	188
DOCTORATE	960	1	412	276	207	4	2	3	6	7	42
PROFESSIONAL MEDICAL	1	------	1	------	------	------	------	------	------	------	------
MASTER'S	472	------	54	74	92	67	2	3	62	19	99
BACHELOR'S	138	------	11	9	13	25	------	------	22	11	47
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	8	------	3	2	------	1	------	------	2	------	------

APPENDIX TABLE A-44. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY FIELD, HIGHEST DEGREE, AND ACADEMIC RANK, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
BIOLOGICAL SCIENCES	16,610	107	5,163	4,044	4,185	1,030	112	212	753	274	930
DOCTORATE	11,300	75	4,031	3,157	3,007	261	74	165	53	132	345
PROFESSIONAL MEDICAL	2,539	29	984	646	584	101	4	17	6	70	98
MASTER'S	2,424	3	132	215	545	608	27	20	477	49	348
BACHELOR'S	508	------	6	15	42	59	7	7	217	22	133
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	39	------	10	11	7	1	------	3	------	1	6
PSYCHOLOGY	7,442	46	1,972	1,863	2,363	455	109	39	60	56	479
DOCTORATE	6,160	42	1,922	1,741	1,903	94	77	37	8	37	299
PROFESSIONAL MEDICAL	4	------	3	1	------	------	------	------	------	------	------
MASTER'S	1,225	4	46	118	438	350	28	2	47	19	173
BACHELOR'S	48	------	------	3	20	11	4	------	5	------	5
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	5	------	1	------	2	------	------	------	------	------	2
STATISTICS	666	2	186	157	209	38	8	7	16	20	23
DOCTORATE	514	2	172	143	171	4	1	2	1	2	16
PROFESSIONAL MEDICAL	1	------	1	------	------	------	------	------	------	------	------
MASTER'S	136	------	9	14	37	32	7	4	13	15	5
BACHELOR'S	13	------	3	------	------	2	------	1	2	3	2
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	2	------	1	------	1	------	------	------	------	------	------
ECONOMICS	5,663	128	1,915	1,302	1,480	420	84	16	145	21	152
DOCTORATE	3,968	112	1,769	1,113	828	24	29	3	2	7	81
PROFESSIONAL MEDICAL	1	------	1	------	------	------	------	------	------	------	------
MASTER'S	1,495	14	126	176	579	348	48	10	119	13	62
BACHELOR'S	181	1	14	6	72	46	7	3	23	1	8
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	18	1	5	7	1	2	------	------	1	------	1
SOCIOLOGY	3,944	12	988	797	1,047	561	130	27	226	88	68
DOCTORATE	2,459	7	949	686	668	47	38	13	5	20	26
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------	------
MASTER'S	1,256	5	33	106	351	460	71	12	141	46	31
BACHELOR'S	210	------	2	3	25	50	20	2	79	20	9
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	19	------	4	2	3	4	1	------	1	2	2
POLITICAL SCIENCE	3,422	38	930	663	1,092	382	79	10	138	44	46
DOCTORATE	2,324	34	860	581	747	37	24	6	2	9	24
PROFESSIONAL MEDICAL	6	------	2	1	3	------	------	------	------	------	------
MASTER'S	981	3	41	71	305	323	50	3	132	31	22
BACHELOR'S	59	------	6	------	26	19	3	------	3	2	------
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	52	1	21	10	11	3	2	1	1	2	------
ANTHROPOLOGY	874	3	262	256	283	13	18	2	3	15	19
DOCTORATE	848	3	257	250	274	12	14	2	3	14	19
PROFESSIONAL MEDICAL	3	------	2	------	------	------	1	------	------	------	------
MASTER'S	18	------	2	6	6	1	3	------	------	------	------
BACHELOR'S	3	------	1	------	1	------	------	------	------	1	------
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	2	------	------	------	2	------	------	------	------	------	------
LINGUISTICS	962	------	268	230	294	74	36	1	15	17	27
DOCTORATE	732	------	253	212	229	12	10	------	------	2	14
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------	------
MASTER'S	185	------	7	16	51	52	22	------	13	13	11
BACHELOR'S	28	------	1	1	11	8	3	1	1	1	1
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	17	------	7	1	3	2	1	------	1	1	1

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY AND COLLEGE TEACHING AS A PRIMARY OR SECONDARY WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-45. MEDIAN ANNUAL SALARIES OF UNIVERSITY AND COLLEGE TEACHERS, BY FIELD, SALARY BASE, AND ACADEMIC RANK, 1968

SCIENTIFIC AND TECHNICAL FIELD AND SALARY BASE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL FIELDS	12,000	19,800	16,800	12,600	10,300	8,200	9,900	9,300	3,400	10,000	11,000
ACADEMIC YEAR BASE	11,000	17,000	15,500	12,000	10,000	8,000	9,300	8,000	2,900	10,000	11,000
CALENDAR YEAR BASE	14,200	20,000	19,000	15,000	12,000	9,000	11,000	9,400	3,600	10,000	11,300
NO REPORT	12,000	20,000	16,600	12,600	10,400	8,200	9,800	9,000	3,400	9,300	10,800
CHEMISTRY	11,300	18,400	15,700	12,000	10,000	8,100	8,700	7,500	3,200	8,500	10,200
ACADEMIC YEAR BASE	11,000	------	14,700	11,500	9,900	8,000	7,800	------	2,700	9,000	11,000
CALENDAR YEAR BASE	13,000	18,700	18,000	14,000	12,000	8,400	11,400	7,500	3,400	8,500	9,000
NO REPORT	10,800	------	15,600	11,700	10,300	7,500	------	7,600	3,300	8,000	8,000
EARTH & MARINE SCIENCES	11,200	17,500	15,500	12,000	10,000	8,000	9,200	10,000	------	9,900	10,500
ACADEMIC YEAR BASE	10,800	------	15,000	11,700	9,800	8,000	9,000	------	------	------	10,500
CALENDAR YEAR BASE	13,000	------	17,700	14,000	11,000	8,600	------	------	------	------	------
NO REPORT	11,500	------	15,000	12,000	9,800	------	------	------	------	------	------
ATMOSPHERIC & SPACE SCIENCES	12,800	------	18,000	13,500	10,800	9,700	------	------	------	------	------
ACADEMIC YEAR BASE	12,000	------	17,100	12,000	10,000	------	------	------	------	------	------
CALENDAR YEAR BASE	14,000	------	20,000	15,200	12,000	------	------	------	------	------	------
NO REPORT	12,300	------	------	------	------	------	------	------	------	------	------
PHYSICS	12,000	18,600	17,000	12,500	10,300	8,300	10,500	9,600	3,800	------	11,000
ACADEMIC YEAR BASE	11,500	------	16,300	12,000	10,000	8,100	9,900	------	------	------	10,800
CALENDAR YEAR BASE	13,300	18,600	20,000	15,200	12,000	9,000	10,900	9,600	------	------	10,000
NO REPORT	12,600	------	18,000	13,500	10,400	8,100	------	------	------	------	14,700
MATHEMATICS	10,700	------	16,500	12,300	10,000	8,000	9,200	------	8,000	9,900	10,900
ACADEMIC YEAR BASE	10,500	------	16,000	12,000	10,000	7,900	9,100	------	8,200	9,300	10,500
CALENDAR YEAR BASE	12,000	------	18,500	14,200	11,000	8,600	9,200	------	------	10,500	12,000
NO REPORT	10,800	------	16,200	12,000	10,000	8,300	------	------	------	------	10,900
COMPUTER SCIENCES	12,700	------	20,000	14,500	11,200	9,500	------	------	------	------	10,500
ACADEMIC YEAR BASE	12,200	------	------	14,000	10,700	------	------	------	------	------	------
CALENDAR YEAR BASE	13,800	------	------	17,500	------	------	------	------	------	------	------
NO REPORT	12,000	------	------	------	------	------	------	------	------	------	------
AGRICULTURAL SCIENCES	13,000	------	16,400	13,000	11,200	8,700	------	------	------	11,100	11,800
ACADEMIC YEAR BASE	10,800	------	13,500	11,000	9,800	------	------	------	------	------	------
CALENDAR YEAR BASE	13,300	------	16,700	13,200	11,500	8,800	------	------	------	11,100	12,000
NO REPORT	12,000	------	16,000	------	------	------	------	------	------	------	11,000
BIOLOGICAL SCIENCES	13,500	22,000	18,000	13,700	11,200	8,500	10,900	9,100	4,100	9,300	10,000
ACADEMIC YEAR BASE	11,000	------	14,700	11,400	9,800	8,000	9,500	------	------	------	10,000
CALENDAR YEAR BASE	15,500	22,000	20,000	15,700	13,000	9,500	12,000	9,100	4,400	9,300	10,100
NO REPORT	13,700	------	19,000	14,200	12,000	8,000	------	9,500	------	9,000	8,700
PSYCHOLOGY	12,000	17,000	16,000	12,500	10,400	9,000	12,000	13,000	------	12,800	12,000
ACADEMIC YEAR BASE	11,500	------	15,100	12,000	10,000	8,400	11,000	------	------	------	11,400
CALENDAR YEAR BASE	14,000	18,500	18,000	14,700	12,200	10,500	13,500	13,000	------	------	13,000
NO REPORT	12,500	------	16,000	12,500	10,200	------	------	------	------	------	11,400
STATISTICS	13,700	------	18,700	14,000	11,000	9,200	------	------	------	------	------
ACADEMIC YEAR BASE	12,500	------	17,800	13,000	11,000	------	------	------	------	------	------
CALENDAR YEAR BASE	15,300	------	20,000	16,000	13,000	------	------	------	------	------	------
NO REPORT	13,200	------	------	------	------	------	------	------	------	------	------
ECONOMICS	13,000	19,000	17,000	13,000	11,000	8,500	10,000	------	------	------	13,000
ACADEMIC YEAR BASE	12,300	------	16,500	12,500	10,500	8,500	10,000	------	------	------	12,600
CALENDAR YEAR BASE	15,300	19,300	18,000	15,000	12,300	9,200	------	------	------	------	14,100
NO REPORT	13,500	------	16,800	13,300	11,000	------	------	------	------	------	------
SOCIOLOGY	11,500	------	16,000	12,300	10,000	8,000	9,000	------	------	12,000	11,000
ACADEMIC YEAR BASE	11,000	------	15,500	12,000	9,900	7,800	9,100	------	------	------	11,500
CALENDAR YEAR BASE	13,200	------	17,500	14,800	11,500	8,700	8,400	------	------	------	------
NO REPORT	11,100	------	15,000	12,500	10,000	8,500	------	------	------	------	------
POLITICAL SCIENCE	11,000	21,000	16,000	12,000	9,800	8,200	9,000	------	------	------	11,000
ACADEMIC YEAR BASE	10,900	------	15,800	12,000	9,600	8,000	9,100	------	------	------	------
CALENDAR YEAR BASE	13,000	20,800	18,400	13,700	10,500	8,500	------	------	------	------	------
NO REPORT	11,700	------	15,000	12,100	9,500	------	------	------	------	------	------
ANTHROPOLOGY	12,200	------	17,300	12,300	10,000	------	------	------	------	------	------
ACADEMIC YEAR BASE	12,000	------	17,000	12,000	10,000	------	------	------	------	------	------
CALENDAR YEAR BASE	13,500	------	18,300	13,500	10,900	------	------	------	------	------	------
NO REPORT	12,500	------	------	------	------	------	------	------	------	------	------
LINGUISTICS	11,200	------	16,500	12,000	9,800	8,000	------	------	------	------	------
ACADEMIC YEAR BASE	11,100	------	16,500	12,000	9,900	8,000	------	------	------	------	------
CALENDAR YEAR BASE	11,400	------	16,500	12,700	9,600	------	------	------	------	------	------
NO REPORT	12,000	------	------	------	------	------	------	------	------	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR ANY GROUP WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

APPENDIX TABLE A-46. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY STATE AND FIELD, 1968

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	77,052	12,564	4,399	374	8,620	9,404	329	1,579
NEW ENGLAND	6,391	1,024	281	26	890	737	28	84
CONNECTICUT	1,386	194	50	1	183	162	3	14
MAINE	304	42	15	------	32	47	------	21
MASSACHUSETTS	3,507	607	138	23	533	387	20	18
NEW HAMPSHIRE	436	60	28	1	53	53	1	8
RHODE ISLAND	461	85	32	------	58	56	2	13
VERMONT	297	36	18	1	31	32	2	10
MIDDLE ATLANTIC	13,938	2,223	612	64	1,752	1,697	65	150
NEW JERSEY	1,611	274	69	6	241	224	9	21
NEW YORK	7,909	1,166	313	39	1,016	936	33	78
PENNSYLVANIA	4,418	783	230	19	495	537	23	51
EAST NORTH CENTRAL	15,471	2,707	968	66	1,639	1,957	73	226
ILLINOIS	4,170	703	250	12	432	542	16	52
INDIANA	2,333	445	115	4	265	317	12	38
MICHIGAN	3,383	594	186	12	315	435	23	62
OHIO	3,355	602	254	7	409	358	15	28
WISCONSIN	2,230	363	163	31	218	305	7	46
WEST NORTH CENTRAL	7,143	1,233	408	24	670	889	30	229
IOWA	1,477	272	63	4	160	167	8	46
KANSAS	1,098	206	64	2	93	136	4	28
MINNESOTA	1,604	270	94	4	175	215	5	41
MISSOURI	1,708	265	103	7	151	218	11	37
NEBRASKA	670	115	36	2	59	78	1	28
NORTH DAKOTA	270	52	25	------	13	37	1	17
SOUTH DAKOTA	316	53	23	5	19	38	------	32
SOUTH ATLANTIC	9,308	1,497	413	37	1,028	1,165	33	212
DELAWARE	205	53	11	1	22	21	1	8
DISTRICT OF COLUMBIA	740	80	21	------	87	66	7	------
FLORIDA	1,627	257	85	22	182	205	4	42
GEORGIA	1,248	186	59	2	122	166	1	30
MARYLAND	1,348	193	46	9	206	170	8	18
NORTH CAROLINA	1,816	289	92	1	152	218	4	46
SOUTH CAROLINA	572	139	28	1	56	86	1	25
VIRGINIA	1,295	210	52	------	159	186	6	27
WEST VIRGINIA	457	90	19	1	42	47	1	16
EAST SOUTH CENTRAL	3,365	581	149	2	303	423	10	96
ALABAMA	749	139	26	1	69	106	2	22
KENTUCKY	951	166	45	------	80	114	2	28
MISSISSIPPI	401	60	19	------	35	48	2	17
TENNESSEE	1,264	216	59	1	119	155	4	29
WEST SOUTH CENTRAL	5,563	956	406	33	532	736	24	163
ARKANSAS	400	80	16	------	29	40	3	24
LOUISIANA	1,192	227	93	1	94	159	5	43
OKLAHOMA	811	136	57	9	73	110	2	33
TEXAS	3,160	513	240	23	336	427	14	63
MOUNTAIN	4,075	649	356	42	462	488	14	154
ARIZONA	803	122	85	5	85	89	3	22
COLORADO	1,222	185	102	15	164	142	3	38
IDAHO	256	47	23	------	27	29	------	13
MONTANA	317	52	33	2	18	46	------	30
NEVADA	157	25	10	5	19	10	------	11
NEW MEXICO	454	78	34	4	54	80	4	12
UTAH	689	105	52	10	74	71	4	23
WYOMING	177	35	17	1	21	21	------	5
PACIFIC	10,598	1,595	727	74	1,215	1,173	50	246
ALASKA	80	11	16	2	13	6	2	2
CALIFORNIA	7,544	1,128	474	44	953	858	35	136
HAWAII	371	55	28	8	28	28	1	9
OREGON	1,083	169	86	7	74	130	7	51
WASHINGTON	1,520	232	123	13	147	151	5	48
U.S. TERRITORIES & POSSESSIONS	182	37	5	1	18	12	------	3
CANAL ZONE	2	1	------	------	1	------	------	------
GUAM	6	------	------	------	------	------	------	------
PUERTO RICO	170	35	5	1	17	12	------	3
VIRGIN ISLANDS	4	1	------	------	------	------	------	------
FOREIGN	1,018	62	74	5	111	127	2	16

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY OR COLLEGE TEACHING AS A FIRST OR SECOND WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-46. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY STATE AND FIELD, 1968—CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS	16,810	7,442	666	5,663	3,944	3,422	874	962
NEW ENGLAND	1,314	617	40	551	333	306	80	80
CONNECTICUT	307	146	21	113	83	68	16	25
MAINE	59	23	-------	24	24	13	2	2
MASSACHUSETTS	658	348	17	319	175	175	47	42
NEW HAMPSHIRE	108	35	-------	43	21	18	5	2
RHODE ISLAND	94	39	1	25	22	19	7	8
VERMONT	88	26	1	27	8	13	3	1
MIDDLE ATLANTIC	3,004	1,498	120	978	734	684	169	188
NEW JERSEY	290	154	16	103	86	92	11	13
NEW YORK	1,767	896	69	541	454	370	111	120
PENNSYLVANIA	947	448	35	332	194	222	47	55
EAST NORTH CENTRAL	3,003	1,491	126	1,229	886	708	163	229
ILLINOIS	847	395	30	352	218	184	64	73
INDIANA	422	229	15	199	128	88	17	39
MICHIGAN	670	347	29	244	206	169	37	54
OHIO	628	354	28	267	196	155	19	35
WISCONSIN	436	166	24	167	138	112	26	28
WEST NORTH CENTRAL	1,709	628	64	538	345	278	42	56
IOWA	343	121	24	123	72	55	8	11
KANSAS	239	109	10	89	42	48	14	14
MINNESOTA	356	160	12	98	89	61	8	16
MISSOURI	452	135	16	137	85	69	11	11
NEBRASKA	176	57	2	48	37	26	1	4
NORTH DAKOTA	67	24	-------	17	8	9	-------	-------
SOUTH DAKOTA	76	22	-------	26	12	10	-------	-------
SOUTH ATLANTIC	2,194	871	104	698	448	454	72	82
DELAWARE	36	15	2	16	6	10	2	1
DISTRICT OF COLUMBIA	169	66	9	65	37	92	15	26
FLORIDA	357	179	17	116	76	56	13	16
GEORGIA	288	180	9	112	70	43	6	4
MARYLAND	344	105	18	76	69	70	7	9
NORTH CAROLINA	468	172	30	125	111	71	24	13
SOUTH CAROLINA	107	39	1	51	21	14	-------	3
VIRGINIA	314	102	15	96	41	75	4	8
WEST VIRGINIA	111	43	3	41	17	23	1	2
EAST SOUTH CENTRAL	862	327	24	267	163	123	23	12
ALABAMA	178	80	8	58	34	21	4	1
KENTUCKY	252	86	4	71	52	33	13	5
MISSISSIPPI	112	37	-------	42	16	12	-------	1
TENNESSEE	320	124	12	96	61	57	6	5
WEST SOUTH CENTRAL	1,317	448	55	350	227	224	33	59
ARKANSAS	113	39	2	25	16	11	2	-------
LOUISIANA	310	62	13	77	47	39	8	14
OKLAHOMA	191	81	9	56	24	25	4	1
TEXAS	703	266	31	192	140	149	19	44
MOUNTAIN	836	362	41	244	171	147	75	34
ARIZONA	141	76	4	60	39	34	31	7
COLORADO	244	124	16	56	50	54	20	9
IDAHO	58	21	1	13	11	8	2	3
MONTANA	66	22	5	22	7	9	2	3
NEVADA	24	13	-------	15	7	13	4	1
NEW MEXICO	84	33	6	27	12	12	9	5
UTAH	182	60	5	40	38	13	6	6
WYOMING	37	13	4	11	7	4	1	-------
PACIFIC	2,395	1,052	84	706	521	420	177	163
ALASKA	14	4	1	3	3	2	1	-------
CALIFORNIA	1,684	776	57	489	361	312	127	110
HAWAII	85	39	-------	23	21	18	7	26
OREGON	251	111	13	79	50	30	18	7
WASHINGTON	361	127	13	112	86	58	24	20
U.S. TERRITORIES & POSSESSIONS	44	17	2	12	9	8	4	10
CANAL ZONE	-------	-------	-------	-------	-------	-------	-------	-------
GUAM	4	-------	-------	-------	1	-------	-------	1
PUERTO RICO	38	17	2	11	8	8	4	9
VIRGIN ISLANDS	2	-------	-------	1	-------	-------	-------	-------
FOREIGN	132	131	6	90	107	70	36	49

APPENDIX TABLE A-47. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY STATE AND ACADEMIC RANK, 1968

LOCATION	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL LOCATIONS	77,052	464	19,976	16,313	20,442	8,693	1,028	780	5,909	1,330	4,117
NEW ENGLAND	6,391	32	1,605	1,243	1,781	531	115	107	477	130	370
CONNECTICUT	1,386	5	325	283	435	109	21	14	107	17	70
MAINE	304	1	73	66	92	35	2	------	17	1	17
MASSACHUSETTS	3,507	16	869	648	906	301	86	83	277	99	222
NEW HAMPSHIRE	436	6	131	75	122	42	2	3	23	8	24
RHODE ISLAND	461	2	134	104	117	31	3	6	44	1	19
VERMONT	297	2	73	67	109	13	1	1	9	4	18
MIDDLE ATLANTIC	13,938	81	3,556	3,151	3,859	1,210	278	181	780	228	614
NEW JERSEY	1,611	11	418	314	439	169	33	17	103	26	81
NEW YORK	7,909	45	1,979	1,792	2,201	667	206	115	463	121	323
PENNSYLVANIA	4,418	25	1,159	1,045	1,219	374	39	49	214	81	210
EAST NORTH CENTRAL	15,471	81	3,949	3,159	4,004	1,300	158	160	1,611	273	776
ILLINOIS	4,170	27	1,087	837	1,051	368	28	48	426	63	235
INDIANA	2,333	16	613	492	586	144	28	30	307	36	81
MICHIGAN	3,383	11	884	651	808	273	55	32	362	101	206
OHIO	3,355	21	815	752	947	273	18	34	297	46	152
WISCONSIN	2,230	6	550	427	612	242	29	16	219	27	102
WEST NORTH CENTRAL	7,143	40	1,884	1,500	1,853	785	20	50	584	114	313
IOWA	1,477	5	393	291	343	161	4	8	161	23	88
KANSAS	1,098	8	302	237	277	110	5	5	90	20	36
MINNESOTA	1,604	8	423	325	403	207	6	24	247	30	59
MISSOURI	1,708	10	442	376	480	175	4	9	98	30	84
NEBRASKA	670	8	174	127	182	79	1	3	70	6	20
NORTH DAKOTA	270	------	55	69	79	31	------	1	24	4	8
SOUTH DAKOTA	316	1	95	75	87	23	------	------	16	1	18
SOUTH ATLANTIC	9,308	63	2,383	2,138	2,589	831	88	70	539	145	462
DELAWARE	205	1	38	39	58	12	2	4	28	4	19
DISTRICT OF COLUMBIA	740	8	203	190	198	37	19	6	27	12	40
FLORIDA	1,627	6	392	347	465	164	10	12	102	33	96
GEORGIA	1,248	3	312	312	366	105	5	8	68	15	54
MARYLAND	1,348	5	319	273	364	150	21	15	97	32	72
NORTH CAROLINA	1,816	17	536	419	443	141	15	21	107	23	94
SOUTH CAROLINA	572	6	135	154	159	43	2	1	39	12	21
VIRGINIA	1,295	12	337	306	406	118	11	3	43	10	49
WEST VIRGINIA	457	5	111	98	130	61	3	------	28	4	17
EAST SOUTH CENTRAL	3,365	26	951	774	890	324	10	20	184	31	155
ALABAMA	749	4	234	160	167	101	3	2	34	8	36
KENTUCKY	951	7	226	219	276	96	5	4	67	7	44
MISSISSIPPI	401	6	145	90	100	30	------	1	11	5	23
TENNESSEE	1,264	9	346	315	347	97	2	13	72	11	52
WEST SOUTH CENTRAL	5,563	50	1,434	1,189	1,479	543	22	26	421	110	289
ARKANSAS	400	3	128	79	109	31	------	3	17	3	27
LOUISIANA	1,192	10	317	262	327	113	3	5	85	18	52
OKLAHOMA	811	12	222	159	199	89	4	1	77	17	31
TEXAS	3,160	25	767	689	844	310	15	17	242	72	179
MOUNTAIN	4,075	22	1,099	888	1,081	243	34	41	400	60	207
ARIZONA	803	4	228	168	179	36	9	15	107	10	47
COLORADO	1,222	3	304	273	354	83	4	18	118	12	53
IDAHO	256	3	73	42	68	29	1	------	10	6	24
MONTANA	317	2	82	75	98	17	1	------	30	2	10
NEVADA	157	4	33	38	40	10	11	1	9	1	10
NEW MEXICO	454	1	105	112	128	20	3	1	48	13	23
UTAH	689	4	216	153	168	27	5	4	66	14	32
WYOMING	177	1	58	27	46	21	------	2	12	2	8
PACIFIC	10,598	64	2,884	2,011	2,551	866	189	109	877	211	836
ALASKA	80	------	13	26	23	3	------	------	9	1	5
CALIFORNIA	7,544	48	2,097	1,323	1,844	631	169	71	535	166	660
HAWAII	371	2	100	83	93	24	------	2	36	6	25
OREGON	1,083	7	301	253	263	62	1	7	123	13	53
WASHINGTON	1,520	7	373	326	328	146	19	29	174	25	93
U.S. TERRITORIES AND POSSESSIONS	182	1	57	44	42	21	4	5	1	------	7
CANAL ZONE	2	------	------	------	1	1	------	------	------	------	------
GUAM	6	------	2	2	1	1	------	------	------	------	------
PUERTO RICO	170	1	54	41	38	19	4	5	1	------	7
VIRGIN ISLANDS	4	------	1	1	2	------	------	------	------	------	------
FOREIGN	1,018	4	174	216	313	39	110	11	35		

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY OR COLLEGE TEACHING AS A PRIMARY OR SECONDARY WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-48. NUMBER OF SCIENTISTS, BY SUBFIELD AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL SUBFIELDS	297,942	111,206	7,455	86,717	89,141	353	3,070
ANALYTICAL CHEMISTRY	8,430	1,817	16	1,844	4,599	24	130
INORGANIC CHEMISTRY	3,920	1,643	------	730	1,512	5	30
ORGANIC CHEMISTRY	26,180	9,244	4	4,805	11,721	61	345
RELATED CHEMICAL SPECIALTIES	9,213	1,545	3	2,184	5,315	27	139
AGRICULTURAL CHEMISTRY	1,230	314	------	232	665	2	17
FOOD SCIENCE AND TECHNOLOGY	2,746	725	4	552	1,395	10	60
BIOCHEMISTRY	8,809	5,473	526	1,095	1,644	4	67
PHYSICAL CHEMISTRY	8,466	4,836	------	1,342	2,233	3	[illegible]
CHEMISTRY, OTHER	24,948	5,681	39	6,784	12,125	19	300
GEOCHEMISTRY	599	321	------	128	140	1	9
GEODESY	154	17	------	49	82	------	6
GEOLOGY	13,054	2,434	------	4,197	6,329	22	72
PALEONTOLOGY	885	405	------	299	173	1	7
SOLID-EARTH GEOPHYSICS	2,873	431	------	623	1,788	26	65
GEOGRAPHY	2,633	818	------	1,203	601	------	11
HYDROLOGY	982	144	------	301	521	3	13
OCEANOGRAPHY	722	199	------	253	265	------	5
EARTH SCIENCE, OTHER	1,471	165	1	485	806	5	9
MARINE SCIENCE, OTHER	8	4	------	------	4	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,127	435	------	409	268	2	13
CLIMATOLOGY	336	64	------	138	110	2	22
WEATHER ANALYSIS AND FORECASTING	2,361	20	------	343	1,657	18	323
METEOROLOGICAL AREA SPECIALIZATIONS	1,259	118	------	395	659	8	79
INSTRUMENTATION	269	29	------	85	136	6	13
SOLAR/PLANETARY SPECIALTIES	789	394	------	225	159	------	11
ATMOSPHERIC SCIENCE, OTHER	350	51	------	129	162	2	6
SPACE SCIENCE, OTHER	27	5	------	12	9	------	1
ACOUSTICS	1,296	370	5	458	450	1	12
ATOMIC AND MOLECULAR PHYSICS	1,273	790	------	281	199	------	3
ELECTROMAGNETISM	1,281	527	------	430	312	------	12
ELEMENTARY PARTICLES	1,677	1,109	------	322	240	------	6
MECHANICS	687	212	------	234	237	------	4
NUCLEAR PHYSICS	3,134	1,752	------	885	492	------	5
OPTICS	2,785	799	7	957	989	3	30
PHYSICS OF FLUIDS	1,637	991	------	434	255	------	7
SOLID STATE PHYSICS	4,054	2,364	------	1,092	582	1	15
THERMAL PHYSICS	501	239	------	145	114	------	3
PHYSICS, OTHER	7,326	2,252	3	3,435	1,608	1	27
ASTRONOMY	1,325	733	------	352	235	------	5
ELECTRONICS	1,504	485	2	485	524	------	8
ALGEBRA	1,857	816	1	937	95	------	8
ANALYSIS AND FUNCTIONAL ANALYSIS	2,982	1,666	1	1,218	88	------	9
GEOMETRY	699	298	------	318	77	------	6
LOGIC	387	220	------	148	19	------	------
OPERATIONS RESEARCH	2,942	614	------	1,543	768	1	16
NUMBER THEORY	299	198	------	92	8	------	1
NUMERICAL ANALYSIS	783	295	------	366	114	1	7
TOPOLOGY	894	607	------	268	15	------	4
PROBABILITY	547	311	------	186	42	1	7
MATHEMATICS, OTHER	7,849	1,283	3	4,542	1,949	15	57
COMPUTING THEORY	389	120	------	161	102	1	5
COMPUTER NUMERICAL PROCESSING	903	136	------	471	287	------	9
COMPUTER NON-NUMERICAL PROCESSING	1,342	174	------	610	524	------	34
BUSINESS DATA PROCESSING	2,819	125	2	1,186	1,360	10	136
COMPUTER HARDWARE DESIGN	487	77	------	210	191	------	9
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	4,272	220	------	1,573	2,302	------	177
COMPUTER SCIENCE, OTHER	2,702	446	12	1,050	1,164	1	29
AGRONOMY	1,511	676	------	479	351	------	5
ANIMAL HUSBANDRY	928	441	24	307	148	------	8
FISH AND WILDLIFE	2,789	347	7	1,030	1,379	3	23
FORESTRY	6,338	334	------	1,294	4,644	11	55
RANGE MANAGEMENT	842	82	------	178	573	------	9
HORTICULTURE	1,014	541	------	324	144	1	4
SOIL SCIENCE	1,579	712	------	397	463	------	7
AGRICULTURAL SCIENCES, OTHER	1,029	448	20	281	275	2	3
ANATOMY	889	639	110	99	40	------	1
BOTANY	2,161	1,333	------	633	189	1	5
ECOLOGY	1,875	896	24	653	298	------	4
ENTOMOLOGY	2,301	1,063	4	748	459	8	19
GENETICS	1,547	1,142	93	230	75	1	6
IMMUNOLOGY	1,144	507	420	112	97	------	8
MICROBIOLOGY	4,027	1,981	249	1,036	736	3	22
NUTRITION	1,062	698	95	204	61	1	3
PATHOLOGY	1,460	325	1,039	38	50	1	7
PHARMACOLOGY	1,743	1,157	379	95	104	1	7
PHYSIOLOGY	3,924	2,245	1,077	419	172	1	10
PLANT PATHOLOGY	1,172	828	2	225	113	1	3
VIROLOGY	1,008	558	196	138	110	------	6
ZOOLOGY	2,670	1,500	11	868	284	2	5
BIOPHYSICS	792	548	54	104	79	------	7
BIOLOGY, OTHER	10,815	2,738	2,814	3,017	2,191	2	53

APPENDIX TABLE A-48. NUMBER OF SCIENTISTS, BY SUBFIELD AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
CLINICAL PSYCHOLOGY	6,628	4,552	5	1,977	86	------	8
COUNSELING PSYCHOLOGY	2,329	1,393	------	909	27	------	------
DEVELOPMENTAL PSYCHOLOGY	963	754	------	203	4	------	2
EDUCATIONAL PSYCHOLOGY	2,379	1,510	------	859	9	------	1
ENGINEERING PSYCHOLOGY	573	300	------	257	15	------	1
GENERAL PSYCHOLOGY	189	138	1	50	------	------	------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,574	978	------	573	22	------	1
PERSONALITY	370	327	------	40	3	------	------
SCHOOL PSYCHOLOGY	2,138	521	------	1,596	19	------	2
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,421	2,027	6	364	23	------	1
PSYCHOMETRICS	581	404	------	173	3	------	1
SOCIAL PSYCHOLOGY	1,272	904	1	291	74	------	2
PSYCHOLOGY, OTHER	2,134	1,149	75	855	51	------	4
STATISTICS	3,148	1,006	3	1,349	744	4	42
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,793	1,047	1	654	85	------	6
ECONOMIC GROWTH AND DEVELOPMENT	1,076	646	------	326	100	------	4
ECONOMIC STATISTICS	509	279	------	168	57	------	5
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,048	640	1	319	82	------	6
INTERNATIONAL ECONOMICS	508	281	------	177	43	------	7
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	1,930	930	------	786	198	4	12
INDUSTRIAL ORGANIZATION	664	324	------	243	96	1	------
AGRICULTURE - NATURAL RESOURCES	1,395	763	------	540	91	------	1
MANPOWER - LABOR - POPULATION	676	373	------	225	78	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	640	321	------	236	79	------	4
ECONOMICS, OTHER	1,295	447	1	641	191	3	12
SOCIO-CULTURAL THEORY	729	356	------	301	66	------	6
METHODOLOGY	580	254	1	236	87	------	2
DEMOGRAPHY AND POPULATION	320	169	7	103	39	------	2
RURAL-URBAN SOCIOLOGY	516	291	------	184	38	------	3
SOCIAL CHANGE AND DEVELOPMENT	369	220	------	123	21	------	5
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	2,059	1,254	1	645	153	------	6
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	787	339	1	373	70	------	4
SOCIOLOGY, OTHER	754	212	1	357	181	------	3
POLITICAL THEORY	381	262	------	108	6	------	5
METHODOLOGY	117	46	------	65	5	------	1
PUBLIC POLICY	409	228	2	154	19	------	6
PUBLIC ADMINISTRATION	552	310	------	222	17	------	3
POLITICAL STABILITY, INSTABILITY AND CHANGE	122	64	------	54	3	------	1
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	931	602	------	293	19	------	17
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	1,448	829	7	563	44	------	5
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	809	520	2	241	19	------	27
POLITICAL SCIENCE, OTHER	311	116	2	151	35	1	6
ARCHEOLOGY/PREHISTORY	275	252	1	14	7	1	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	34	33	------	1	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	86	79	3	2	2	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	770	744	2	16	5	1	2
ANTHROPOLOGY, OTHER	95	56	2	30	6	------	1
APPLICATIONS TO LANGUAGE TEACHING	422	226	1	162	26	------	7
DESCRIPTIVE LINGUISTICS	326	218	------	65	34	------	9
GENERAL LINGUISTICS	86	64	------	17	5	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	211	181	------	18	5	------	7
LANGUAGE IN RELATION TO OTHER FIELDS	125	86	------	28	9	------	2
LANGUAGE POLICIES	6	4	------	1	------	------	1
LITERACY AND WRITING SYSTEMS	6	1	------	2	2	------	1
MECHANIZED APPLICATIONS	30	19	------	6	4	------	1
PHONETICS	31	22	------	8	1	------	------
LINGUISTICS, OTHER	301	132	1	106	52	1	9
OTHER SPECIALTIES	6,567	1,703	80	2,117	2,586	11	70

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-49A. NUMBER OF SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL SUBFIELDS	297,942	117,746	29,666	10,031	11,204	95,776	6,462	7,155	1,729	12,707	5,466
ANALYTICAL CHEMISTRY	8,430	1,384	975	229	344	5,050	67	89	59	173	60
INORGANIC CHEMISTRY	3,920	1,639	119	26	46	1,843	24	35	17	119	52
ORGANIC CHEMISTRY	26,180	3,821	931	81	284	19,801	224	137	75	597	229
RELATED CHEMICAL SPECIALTIES	9,213	465	680	354	149	7,016	132	106	71	197	43
AGRICULTURAL CHEMISTRY	1,230	117	151	62	15	819	29	7	5	19	6
FOOD SCIENCE AND TECHNOLOGY	2,746	303	212	56	33	1,979	51	12	13	70	17
BIOCHEMISTRY	8,809	4,927	888	194	778	1,348	43	179	44	231	177
PHYSICAL CHEMISTRY	8,466	3,322	611	46	214	3,711	38	85	37	271	131
CHEMISTRY, OTHER	24,948	6,521	701	157	477	10,182	374	562	180	4,336	1,458
GEOCHEMISTRY	599	298	100	9	27	116	8	2	6	21	12
GEODESY	154	17	69	3	5	17	2	38	1	2	------
GEOLOGY	13,054	2,264	1,338	668	61	6,533	1,697	43	37	306	107
PALEONTOLOGY	885	466	55	15	13	229	17	2	22	50	16
SOLID-EARTH GEOPHYSICS	2,873	337	192	25	29	2,103	99	12	3	52	21
GEOGRAPHY	2,633	1,734	300	126	50	129	20	83	10	128	53
HYDROLOGY	982	140	604	98	8	80	29	4	3	14	2
OCEANOGRAPHY	722	248	262	17	21	74	1	74	2	10	13
EARTH SCIENCE, OTHER	1,471	389	125	30	20	233	110	85	8	304	167
MARINE SCIENCE, OTHER	8	3	4	------	------	------	------	1	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,127	468	310	9	66	152	3	76	2	22	19
CLIMATOLOGY	336	105	129	5	6	10	3	66	2	9	1
WEATHER ANALYSIS AND FORECASTING	2,361	32	786	7	7	141	8	1,343	5	25	7
METEOROLOGICAL AREA SPECIALIZATIONS	1,259	172	492	35	34	139	12	338	9	18	10
INSTRUMENTATION	269	35	73	3	12	112	8	24	------	2	------
SOLAR/PLANETARY SPECIALTIES	789	336	219	3	39	116	10	49	------	7	10
ATMOSPHERIC SCIENCE, OTHER	350	47	59	7	11	45	6	118	3	38	16
SPACE SCIENCE, OTHER	27	1	8	------	1	9	------	8	------	------	------
ACOUSTICS	1,296	279	335	3	39	554	23	27	2	21	13
ATOMIC AND MOLECULAR PHYSICS	1,273	795	144	4	34	225	2	11	3	21	34
ELECTROMAGNETISM	1,281	352	231	1	44	574	18	28	2	21	10
ELEMENTARY PARTICLES	1,677	1,490	42	4	9	21	4	6	8	44	49
MECHANICS	687	194	161	------	13	284	8	11	------	13	3
NUCLEAR PHYSICS	3,134	1,756	265	8	108	772	11	105	6	59	44
OPTICS	2,785	464	416	5	81	1,652	35	55	1	53	23
PHYSICS OF FLUIDS	1,687	832	253	3	61	455	6	23	2	29	23
SOLID STATE PHYSICS	4,054	1,819	388	3	73	1,562	14	38	2	85	70
THERMAL PHYSICS	501	263	64	------	8	136	3	3	------	13	11
PHYSICS, OTHER	7,326	4,775	329	35	116	816	43	100	6	644	462
ASTRONOMY	1,325	824	222	2	48	115	5	16	8	54	31
ELECTRONICS	1,504	237	172	2	34	968	25	40	------	20	6
ALGEBRA	1,857	1,648	36	19	10	33	2	7	7	70	25
ANALYSIS AND FUNCTIONAL ANALYSIS	2,982	2,570	62	25	20	144	7	20	11	84	39
GEOMETRY	699	626	6	3	6	7	3	2	3	29	14
LOGIC	387	317	3	2	4	19	3	2	2	27	8
OPERATIONS RESEARCH	2,942	346	481	34	315	1,470	28	190	28	28	22
NUMBER THEORY	299	275	2	1	1	2	1	1	2	14	------
NUMERICAL ANALYSIS	783	319	116	6	22	275	4	7	7	21	6
TOPOLOGY	894	803	7	5	11	6	3	5	3	29	22
PROBABILITY	547	325	32	9	10	143	------	7	3	13	5
MATHEMATICS, OTHER	7,849	4,809	194	135	134	1,814	74	65	77	430	117
COMPUTING THEORY	389	190	34	3	14	129	2	5	3	3	6
COMPUTER NUMERICAL PROCESSING	903	216	135	8	41	446	2	16	16	21	2
COMPUTER NON-NUMERICAL PROCESSING	1,342	271	142	14	134	697	10	36	15	19	4
BUSINESS DATA PROCESSING	2,819	196	156	75	73	2,121	48	89	35	14	12
COMPUTER HARDWARE DESIGN	487	71	19	4	12	353	8	10	------	8	2
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	4,272	458	294	37	283	3,004	43	64	29	36	24
COMPUTER SCIENCE, OTHER	2,702	396	243	45	119	1,586	34	114	22	107	36
AGRONOMY	1,511	759	275	32	29	347	21	5	11	16	16
ANIMAL HUSBANDRY	928	644	56	19	22	117	36	2	8	17	7
FISH AND WILDLIFE	2,789	324	1,028	1,276	32	38	11	12	13	35	20
FORESTRY	6,338	588	2,846	1,023	53	1,488	183	50	25	51	31
RANGE MANAGEMENT	842	118	641	31	5	12	16	4	6	6	3
HORTICULTURE	1,014	700	80	35	11	143	19	------	6	10	10
SOIL SCIENCE	1,579	674	581	83	17	143	25	8	5	34	9
AGRICULTURAL SCIENCES, OTHER	1,029	368	245	49	29	279	29	5	11	8	6
ANATOMY	889	783	17	5	29	8	8	11	------	14	14
BOTANY	2,161	1,784	124	43	50	24	5	7	11	86	27
ECOLOGY	1,875	1,231	255	103	72	48	8	23	23	81	31
ENTOMOLOGY	2,301	991	612	186	35	265	32	83	18	49	30
GENETICS	1,547	1,058	164	36	87	128	8	9	2	36	19
IMMUNOLOGY	1,144	645	106	46	139	92	15	46	5	29	21
MICROBIOLOGY	4,027	1,791	535	242	341	775	17	140	23	93	70
NUTRITION	1,062	618	75	19	42	254	15	11	6	10	12
PATHOLOGY	1,460	760	89	63	271	100	59	70	5	5	38
PHARMACOLOGY	1,743	865	127	40	68	565	18	28	3	6	23
PHYSIOLOGY	3,924	2,873	308	59	274	140	41	111	9	52	57
PLANT PATHOLOGY	1,172	658	283	74	16	82	5	10	6	28	10
VIROLOGY	1,008	460	116	51	89	187	------	65	7	13	20
ZOOLOGY	2,670	2,250	92	54	61	33	4	17	24	107	28
BIOPHYSICS	792	496	85	17	61	67	7	17	3	19	20
BIOLOGY, OTHER	10,815	6,000	621	391	823	828	501	454	75	685	437

APPENDIX TABLE A-49A. NUMBER OF SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
CLINICAL PSYCHOLOGY	6,628	1,855	534	1,257	1,285	324	1,046	68	53	131	75
COUNSELING PSYCHOLOGY	2,329	1,530	171	174	230	51	94	4	10	53	12
DEVELOPMENTAL PSYCHOLOGY	963	755	23	34	81	9	11	6	8	31	5
EDUCATIONAL PSYCHOLOGY	2,379	1,895	47	102	165	64	23	10	26	34	13
ENGINEERING PSYCHOLOGY	573	63	101	4	58	307	4	27	6	3	------
GENERAL PSYCHOLOGY	189	155	8	2	11	2	------	1	------	9	1
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,574	353	136	49	92	734	136	22	17	24	11
PERSONALITY	370	303	8	13	19	8	5	3	1	8	2
SCHOOL PSYCHOLOGY	2,138	1,887	4	114	39	6	19	------	24	36	9
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,421	1,872	167	70	108	90	7	38	9	38	22
PSYCHOMETRICS	581	348	72	25	54	57	4	7	3	10	1
SOCIAL PSYCHOLOGY	1,272	934	61	42	75	46	18	18	11	34	13
PSYCHOLOGY, OTHER	2,134	1,243	106	111	111	43	51	51	12	356	50
STATISTICS	3,148	1,054	621	129	129	985	30	49	32	84	35
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,793	1,549	66	15	25	71	9	6	1	37	14
ECONOMIC GROWTH AND DEVELOPMENT	1,076	500	187	81	91	168	14	13	5	14	3
ECONOMIC STATISTICS	509	313	75	20	28	45	1	5	1	14	7
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,048	582	90	129	45	152	14	6	2	27	1
INTERNATIONAL ECONOMICS	508	239	137	51	17	35	10	2	------	11	6
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	1,930	1,052	46	13	57	678	42	12	6	14	10
INDUSTRIAL ORGANIZATION	664	294	106	29	37	143	26	4	5	14	6
AGRICULTURE - NATURAL RESOURCES	1,395	765	385	46	50	97	19	1	3	17	12
MANPOWER - LABOR - POPULATION	676	392	110	48	46	31	15	6	6	17	5
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	640	290	129	60	66	58	17	3	5	9	3
ECONOMICS, OTHER	1,295	615	99	34	44	242	20	33	11	144	53
SOCIO-CULTURAL THEORY	729	671	2	------	7	3	3	2	3	29	9
METHODOLOGY	580	380	40	20	54	37	4	6	7	26	6
DEMOGRAPHY AND POPULATION	320	192	47	22	21	6	1	3	7	17	4
RURAL-URBAN SOCIOLOGY	516	413	19	14	26	7	3	2	3	19	10
SOCIAL CHANGE AND DEVELOPMENT	369	256	27	18	30	5	2	------	7	20	4
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	2,059	1,648	48	53	102	27	16	10	17	98	40
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	787	576	28	83	55	4	7	5	5	21	3
SOCIOLOGY, OTHER	754	270	32	18	27	14	6	4	5	262	116
POLITICAL THEORY	381	360	------	1	4	2	3	2	------	9	------
METHODOLOGY	117	75	9	1	9	8	1	2	1	9	2
PUBLIC POLICY	409	190	82	10	42	21	5	44	4	10	1
PUBLIC ADMINISTRATION	552	303	108	53	36	19	4	13	2	10	4
POLITICAL STABILITY, INSTABILITY AND CHANGE	122	93	7	1	3	4	------	1	2	10	1
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	931	814	27	9	18	5	1	7	3	42	5
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	1,448	1,200	44	49	35	23	24	11	10	37	15
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	809	669	39	10	25	7	5	5	2	37	10
POLITICAL SCIENCE, OTHER	311	156	33	12	15	13	7	12	3	46	14
ARCHEOLOGY/PREHISTORY	275	213	9	1	4	1	------	------	40	4	3
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	34	33	------	------	------	------	------	------	------	1	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	86	70	8	1	1	1	------	------	2	------	3
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	770	649	15	12	19	5	11	------	32	23	4
ANTHROPOLOGY, OTHER	95	57	------	2	4	2	2	------	3	18	7
APPLICATIONS TO LANGUAGE TEACHING	422	326	28	7	17	9	5	------	11	15	4
DESCRIPTIVE LINGUISTICS	326	252	5	2	28	8	1	------	1	18	11
GENERAL LINGUISTICS	86	69	3	------	3	2	------	1	------	6	2
HISTORICAL AND COMPARATIVE LINGUISTICS	211	194	------	------	1	2	------	------	------	9	5
LANGUAGE IN RELATION TO OTHER FIELDS	125	102	3	------	7	------	------	------	2	7	4
LANGUAGE POLICIES	6	1	1	------	4	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	6	2	------	------	3	------	1	------	------	------	------
MECHANIZED APPLICATIONS	30	12	1	------	3	9	------	------	------	3	2
PHONETICS	31	25	1	------	2	------	------	------	------	2	1
LINGUISTICS, OTHER	301	143	14	5	44	9	7	5	2	52	20
OTHER SPECIALTIES	6,567	1,549	759	238	309	2,544	141	756	76	117	78

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-49B. NUMBER OF DOCTORATE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL SUBFIELDS	111,206	64,624	8,461	2,300	9,937	24,099	1,945	949	549	2,503	839
ANALYTICAL CHEMISTRY	1,817	588	121	32	107	894	21	13	6	29	6
INORGANIC CHEMISTRY	1,643	813	53	5	23	684	15	15	6	26	3
ORGANIC CHEMISTRY	9,244	1,926	334	16	128	6,516	79	53	19	140	33
RELATED CHEMICAL SPECIALTIES	1,545	250	96	18	49	1,052	28	9	9	28	6
AGRICULTURAL CHEMISTRY	314	60	32	2	3	200	9	1	1	3	3
FOOD SCIENCE AND TECHNOLOGY	725	215	73	10	18	369	8	1	3	21	7
BIOCHEMISTRY	5,473	3,322	545	118	492	780	13	76	17	53	57
PHYSICAL CHEMISTRY	4,836	2,047	278	23	141	2,187	21	33	20	62	21
CHEMISTRY, OTHER	5,681	2,509	121	22	145	1,706	80	31	46	892	129
GEOCHEMISTRY	321	183	51	6	20	52	3	------	4	2	------
GEODESY	17	6	6	------	1	2	------	2	------	------	------
GEOLOGY	2,434	1,229	358	90	27	572	108	5	8	29	8
PALEONTOLOGY	405	283	41	8	9	45	3	------	8	7	1
SOLID-EARTH GEOPHYSICS	431	187	47	4	19	161	4	------	1	7	1
GEOGRAPHY	818	718	44	7	12	9	6	6	4	8	4
HYDROLOGY	144	81	38	5	5	6	6	------	------	3	------
OCEANOGRAPHY	199	123	43	2	7	16	1	4	1	1	1
EARTH SCIENCE, OTHER	165	59	26	5	8	34	8	2	------	13	10
MARINE SCIENCE, OTHER	4	2	2	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	435	236	104	1	29	55	2	3	1	3	1
CLIMATOLOGY	64	51	7	------	1	1	------	1	1	1	1
WEATHER ANALYSIS AND FORECASTING	20	3	9	------	------	1	------	7	------	------	------
METEOROLOGICAL AREA SPECIALIZATIONS	118	57	33	2	5	14	1	5	------	1	------
INSTRUMENTATION	29	5	4	------	4	10	3	2	------	1	------
SOLAR/PLANETARY SPECIALTIES	394	188	102	1	27	60	6	7	------	1	2
ATMOSPHERIC SCIENCE, OTHER	51	24	8	------	2	12	1	3	------	------	1
SPACE SCIENCE, OTHER	5	------	2	------	1	1	------	1	------	------	------
ACOUSTICS	370	161	43	1	13	138	5	3	------	5	1
ATOMIC AND MOLECULAR PHYSICS	790	518	97	1	23	139	2	1	3	3	3
ELECTROMAGNETISM	527	218	47	------	25	224	8	1	2	2	------
ELEMENTARY PARTICLES	1,109	1,042	30	3	8	11	2	2	5	6	------
MECHANICS	212	108	20	------	6	69	3	2	------	4	------
NUCLEAR PHYSICS	1,752	1,174	123	7	57	349	5	20	6	9	2
OPTICS	799	225	77	1	40	426	12	6	1	8	3
PHYSICS OF FLUIDS	991	600	80	2	38	255	3	6	2	4	1
SOLID STATE PHYSICS	2,364	1,123	217	3	48	921	7	18	2	19	6
THERMAL PHYSICS	239	166	24	------	4	41	2	------	------	2	------
PHYSICS, OTHER	2,252	1,625	108	10	55	304	21	14	1	96	18
ASTRONOMY	733	523	107	2	30	50	3	1	5	10	2
ELECTRONICS	485	115	23	1	9	312	14	6	------	3	2
ALGEBRA	816	763	9	9	8	10	------	2	------	9	6
ANALYSIS AND FUNCTIONAL ANALYSIS	1,666	1,503	29	13	11	67	2	8	4	15	14
GEOMETRY	298	280	4	1	2	------	2	1	1	6	1
LOGIC	220	200	------	2	2	5	1	------	1	6	3
OPERATIONS RESEARCH	614	197	52	2	83	246	5	21	4	1	3
NUMBER THEORY	198	181	2	1	1	1	1	------	2	9	------
NUMERICAL ANALYSIS	295	164	25	1	7	94	------	2	------	2	------
TOPOLOGY	607	572	------	3	8	5	1	1	3	6	8
PROBABILITY	311	235	6	5	6	51	------	2	2	4	------
MATHEMATICS, OTHER	1,283	961	55	19	42	138	11	10	8	27	12
COMPUTING THEORY	120	83	2	------	3	30	------	------	------	1	1
COMPUTER NUMERICAL PROCESSING	136	62	9	------	7	51	1	2	1	2	1
COMPUTER NON-NUMERICAL PROCESSING	174	78	6	2	21	61	2	2	2	------	------
BUSINESS DATA PROCESSING	125	41	2	3	1	69	3	2	2	1	1
COMPUTER HARDWARE DESIGN	77	31	1	------	------	43	1	------	------	1	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	220	65	5	3	10	129	4	1	1	2	------
COMPUTER SCIENCE, OTHER	446	144	26	2	29	219	9	8	1	3	5
AGRONOMY	676	432	100	9	18	100	------	3	4	5	5
ANIMAL HUSBANDRY	441	360	25	5	6	30	5	------	3	5	2
FISH AND WILDLIFE	347	143	130	46	7	3	1	------	4	4	5
FORESTRY	334	208	97	6	1	15	2	1	2	1	1
RANGE MANAGEMENT	82	52	26	1	1	1	------	------	1	------	------
HORTICULTURE	541	430	47	16	6	31	6	------	1	1	3
SOIL SCIENCE	712	460	162	17	10	44	6	2	2	7	2
AGRICULTURAL SCIENCES, OTHER	448	223	79	6	15	115	2	1	4	1	2
ANATOMY	639	589	13	3	16	2	2	5	------	3	6
BOTANY	1,333	1,161	82	14	38	9	2	4	6	14	3
ECOLOGY	896	686	85	16	39	26	3	10	11	12	8
ENTOMOLOGY	1,063	631	230	43	22	79	2	27	8	15	6
GENETICS	1,142	814	138	20	60	89	1	2	2	9	7
IMMUNOLOGY	507	290	61	19	63	47	1	13	2	5	6
MICROBIOLOGY	1,981	1,138	241	52	122	318	9	60	6	15	20
NUTRITION	698	425	54	10	26	166	2	5	5	2	3
PATHOLOGY	325	202	17	8	43	29	5	9	1	5	6
PHARMACOLOGY	1,157	612	98	27	33	354	5	9	1	5	13
PHYSIOLOGY	2,245	1,758	194	26	94	88	10	32	7	18	18
PLANT PATHOLOGY	828	477	220	44	15	53	3	2	4	7	3
VIROLOGY	558	273	74	24	50	104	------	22	5	1	5
ZOOLOGY	1,500	1,332	53	20	34	16	1	8	10	24	2
BIOPHYSICS	548	378	57	14	42	38	4	5	2	3	5
BIOLOGY, OTHER	2,738	1,564	240	77	211	283	70	86	17	111	79

APPENDIX TABLE A-49B. NUMBER OF DOCTORATE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
CLINICAL PSYCHOLOGY	4,552	1,464	474	609	771	208	848	43	27	52	56
COUNSELING PSYCHOLOGY	1,393	1,055	103	47	81	24	53	------	5	20	5
DEVELOPMENTAL PSYCHOLOGY	754	618	19	14	54	7	9	5	7	19	2
EDUCATIONAL PSYCHOLOGY	1,510	1,201	34	50	124	42	14	7	14	18	6
ENGINEERING PSYCHOLOGY	300	45	48	1	39	152	3	9	2	1	------
GENERAL PSYCHOLOGY	138	112	7	1	8	1	------	1	------	8	------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	978	300	62	17	61	402	100	9	11	11	5
PERSONALITY	327	276	8	10	15	8	3	2	1	3	1
SCHOOL PSYCHOLOGY	521	441	2	34	15	2	10	------	5	11	1
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,027	1,617	140	50	83	67	5	30	7	15	13
PSYCHOMETRICS	404	274	33	11	37	36	3	3	1	5	1
SOCIAL PSYCHOLOGY	904	702	46	27	56	22	12	8	7	17	7
PSYCHOLOGY, OTHER	1,149	723	79	47	61	24	30	20	7	146	12
STATISTICS	1,006	672	84	17	40	158	9	5	3	14	4
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,047	957	24	8	14	22	6	1	1	7	7
ECONOMIC GROWTH AND DEVELOPMENT	646	396	83	43	58	53	5	1	1	5	1
ECONOMIC STATISTICS	279	224	19	9	9	17	------	------	------	1	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	640	437	40	67	32	46	10	2	------	6	------
INTERNATIONAL ECONOMICS	281	177	42	27	9	16	5	------	------	2	3
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	930	745	14	4	17	132	10	------	2	3	3
INDUSTRIAL ORGANIZATION	324	220	30	5	15	39	8	------	------	7	------
AGRICULTURE - NATURAL RESOURCES	763	534	147	19	24	25	7	------	1	4	2
MANPOWER - LABOR - POPULATION	373	301	19	11	24	5	5	2	1	4	1
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	321	209	48	11	29	13	7	1	1	2	------
ECONOMICS, OTHER	447	297	29	5	19	39	5	1	5	36	11
SOCIO-CULTURAL THEORY	356	342	------	------	3	1	2	------	------	6	2
METHODOLOGY	254	200	12	3	21	8	------	3	2	2	3
DEMOGRAPHY AND POPULATION	169	126	14	4	10	3	1	1	5	5	------
RURAL-URBAN SOCIOLOGY	291	264	7	2	8	2	------	2	1	2	3
SOCIAL CHANGE AND DEVELOPMENT	220	172	15	6	17	3	------	------	4	2	1
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	1,254	1,111	23	21	51	8	10	3	7	11	9
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	339	287	11	15	15	1	4	2	------	3	1
SOCIOLOGY, OTHER	212	116	11	2	15	2	2	1	1	39	23
POLITICAL THEORY	262	253	------	------	3	------	2	2	------	2	------
METHODOLOGY	46	35	4	------	2	3	------	------	------	2	------
PUBLIC POLICY	228	135	38	4	28	10	1	11	1	------	------
PUBLIC ADMINISTRATION	310	220	38	18	15	7	1	2	2	5	2
POLITICAL STABILITY, INSTABILITY AND CHANGE	64	56	5	1	------	------	------	1	------	1	------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	602	557	11	3	11	4	------	1	1	12	2
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	829	741	20	12	15	6	9	3	2	16	5
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	520	458	20	7	14	2	2	3	------	10	4
POLITICAL SCIENCE, OTHER	146	72	7	4	6	2	1	2	------	18	4
ARCHEOLOGY/PREHISTORY	252	203	8	1	2	------	------	------	34	1	3
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	33	32	------	------	------	------	------	------	------	1	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	79	66	5	1	1	1	------	------	2	------	3
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	744	632	15	12	19	5	9	------	27	21	4
ANTHROPOLOGY, OTHER	56	32	------	1	2	2	------	------	2	11	6
APPLICATIONS TO LANGUAGE TEACHING	226	199	7	3	2	3	3	------	5	2	2
DESCRIPTIVE LINGUISTICS	218	193	2	2	11	3	------	------	------	5	2
GENERAL LINGUISTICS	64	54	3	------	2	2	------	1	------	2	------
HISTORICAL AND COMPARATIVE LINGUISTICS	181	174	------	------	1	1	------	------	------	3	2
LANGUAGE IN RELATION TO OTHER FIELDS	86	79	1	------	4	------	------	------	1	1	------
LANGUAGE POLICIES	4	1	------	------	3	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	1	1	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	19	10	1	------	1	6	------	------	------	------	1
PHONETICS	22	18	1	------	2	------	------	------	------	1	------
LINGUISTICS, OTHER	132	93	8	1	10	4	------	1	------	8	7
OTHER SPECIALTIES	1,703	734	210	36	96	509	33	32	18	24	11

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-49C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL SUBFIELDS	86,717	34,928	8,208	3,403	3,113	25,983	1,480	2,186	579	4,671	2,166
ANALYTICAL CHEMISTRY	1,844	297	202	57	86	1,087	13	30	16	39	17
INORGANIC CHEMISTRY	730	305	24	5	12	330	5	4	3	34	8
ORGANIC CHEMISTRY	4,805	582	203	10	55	3,695	52	24	17	117	50
RELATED CHEMICAL SPECIALTIES	2,184	111	154	82	51	1,629	32	32	14	66	13
AGRICULTURAL CHEMISTRY	232	22	29	19	2	144	8	4	------	3	1
FOOD SCIENCE AND TECHNOLOGY	552	66	47	8	5	386	10	5	4	17	4
BIOCHEMISTRY	1,095	510	116	25	92	222	7	16	8	60	39
PHYSICAL CHEMISTRY	1,342	435	130	7	34	594	6	20	4	77	35
CHEMISTRY, OTHER	6,784	2,315	183	39	131	2,6[illegible]	81	90	49	899	377
GEOCHEMISTRY	128	55	16	2	5	35	------	2	1	6	6
GEODESY	49	4	16	1	3	3	1	20	------	1	------
GEOLOGY	4,197	594	404	222	19	2,363	424	14	17	103	37
PALEONTOLOGY	299	126	8	2	2	123	6	1	4	20	7
SOLID-EARTH GEOPHYSICS	623	71	54	7	5	432	17	7	2	16	12
GEOGRAPHY	1,203	799	111	67	22	60	6	36	1	71	30
HYDROLOGY	301	39	202	21	3	21	7	2	------	5	1
OCEANOGRAPHY	253	75	86	7	8	33	------	35	------	4	5
EARTH SCIENCE, OTHER	485	174	49	9	8	54	23	13	5	85	65
MARINE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	409	152	108	2	29	59	------	36	1	13	9
CLIMATOLOGY	138	39	52	1	4	4	1	31	1	5	------
WEATHER ANALYSIS AND FORECASTING	343	17	116	1	3	17	2	183	1	2	1
METEOROLOGICAL AREA SPECIALIZATIONS	395	62	144	9	14	51	5	97	2	7	4
INSTRUMENTATION	85	13	25	------	4	29	3	11	------	------	------
SOLAR/PLANETARY SPECIALTIES	225	88	59	1	7	32	3	27	------	2	6
ATMOSPHERIC SCIENCE, OTHER	129	12	22	2	9	14	1	41	1	16	11
SPACE SCIENCE, OTHER	12	------	3	------	------	4	------	5	------	------	------
ACOUSTICS	458	86	110	------	13	205	6	20	------	9	9
ATOMIC AND MOLECULAR PHYSICS	281	172	26	2	8	38	------	7	------	11	17
ELECTROMAGNETISM	430	95	94	------	9	193	5	17	------	13	4
ELEMENTARY PARTICLES	322	249	6	------	------	6	1	3	1	24	32
MECHANICS	234	65	45	------	4	109	------	5	------	4	2
NUCLEAR PHYSICS	885	381	90	------	35	267	2	57	------	31	22
OPTICS	957	156	128	1	21	563	11	38	------	26	13
PHYSICS OF FLUIDS	434	153	99	1	15	129	1	9	------	14	13
SOLID STATE PHYSICS	1,092	497	117	------	19	367	2	17	------	42	31
THERMAL PHYSICS	145	61	20	------	3	47	------	2	------	8	4
PHYSICS, OTHER	3,435	2,316	93	13	41	258	10	43	2	338	321
ASTRONOMY	352	192	66	------	10	37	2	9	1	19	16
ELECTRONICS	485	77	58	------	14	309	3	16	------	6	2
ALGEBRA	937	806	21	9	2	16	------	5	5	55	18
ANALYSIS AND FUNCTIONAL ANALYSIS	1,218	1,013	20	12	5	56	5	11	7	65	24
GEOMETRY	318	280	------	1	3	2	1	------	------	20	11
LOGIC	148	113	2	------	1	8	------	------	1	18	5
OPERATIONS RESEARCH	1,543	117	225	16	157	826	20	134	16	18	14
NUMBER THEORY	92	86	------	------	------	1	------	------	------	5	------
NUMERICAL ANALYSIS	366	140	51	5	13	123	2	4	6	17	5
TOPOLOGY	268	219	4	2	3	------	2	4	------	22	12
PROBABILITY	186	81	16	2	3	67	------	4	1	7	5
MATHEMATICS, OTHER	4,542	3,283	85	74	55	590	21	39	40	281	74
COMPUTING THEORY	161	82	13	1	5	48	1	3	2	1	5
COMPUTER NUMERICAL PROCESSING	471	115	66	3	18	234	------	12	10	12	1
COMPUTER NON-NUMERICAL PROCESSING	610	130	53	5	55	318	4	28	5	11	1
BUSINESS DATA PROCESSING	1,186	101	60	23	33	860	20	63	15	4	7
COMPUTER HARDWARE DESIGN	210	30	8	2	9	145	4	8	------	4	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	1,573	214	91	6	70	1,103	14	37	11	15	12
COMPUTER SCIENCE, OTHER	1,050	145	84	16	51	622	12	49	10	45	16
AGRONOMY	479	264	55	13	3	120	11	1	2	5	5
ANIMAL HUSBANDRY	307	225	17	4	5	37	10	------	2	6	1
FISH AND WILDLIFE	1,030	119	375	476	16	11	5	1	3	16	8
FORESTRY	1,294	248	554	104	14	276	50	7	11	20	10
RANGE MANAGEMENT	178	45	115	9	3	1	2	------	1	1	1
HORTICULTURE	324	223	18	8	4	55	7	------	2	4	3
SOIL SCIENCE	397	161	142	15	5	47	6	1	1	14	5
AGRICULTURAL SCIENCES, OTHER	281	107	56	11	8	79	7	3	6	4	------
ANATOMY	99	85	------	2	3	1	------	------	------	6	2
BOTANY	633	496	24	14	9	9	1	3	5	55	17
ECOLOGY	653	398	103	41	15	17	------	8	8	49	14
ENTOMOLOGY	748	270	199	76	6	90	14	47	7	21	18
GENETICS	230	136	20	8	9	24	2	1	------	23	7
IMMUNOLOGY	112	40	15	7	9	14	------	4	------	17	6
MICROBIOLOGY	1,036	357	161	77	91	209	2	52	7	50	30
NUTRITION	204	111	10	3	8	56	3	1	1	8	3
PATHOLOGY	38	14	3	2	6	8	1	3	------	------	1
PHARMACOLOGY	95	20	6	2	5	57	------	2	------	1	2
PHYSIOLOGY	419	302	29	9	11	23	------	9	2	23	11
PLANT PATHOLOGY	225	127	41	18	1	9	2	7	1	13	6
VIROLOGY	138	54	14	6	11	30	------	9	2	7	5
ZOOLOGY	868	712	25	14	12	6	3	8	6	62	20
BIOPHYSICS	104	58	8	1	6	14	------	3	------	6	8
BIOLOGY, OTHER	3,017	2,074	103	69	65	179	23	65	20	259	160

APPENDIX TABLE A-49C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
CLINICAL PSYCHOLOGY	1,977	367	58	621	493	112	188	22	24	74	18
COUNSELING PSYCHOLOGY	909	466	63	122	144	27	41	4	5	30	7
DEVELOPMENTAL PSYCHOLOGY	203	132	4	19	27	2	2	1	1	12	3
EDUCATIONAL PSYCHOLOGY	859	685	12	52	41	22	9	3	12	16	7
ENGINEERING PSYCHOLOGY	257	16	51	3	19	144	1	18	3	2	------
GENERAL PSYCHOLOGY	50	42	1	1	3	1	------	------	------	1	1
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	573	51	73	31	29	320	32	13	6	12	6
PERSONALITY	40	25	------	3	4	------	1	1	------	5	1
SCHOOL PSYCHOLOGY	1,596	1,427	2	79	24	4	9	------	19	25	7
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	364	236	27	20	22	20	2	7	2	20	8
PSYCHOMETRICS	173	72	38	14	16	21	1	4	2	5	------
SOCIAL PSYCHOLOGY	291	183	13	12	17	20	5	10	4	23	4
PSYCHOLOGY, OTHER	855	484	19	47	36	17	9	25	5	202	31
STATISTICS	1,349	337	270	58	59	508	8	27	15	44	23
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	654	519	35	6	11	42	3	4	------	28	6
ECONOMIC GROWTH AND DEVELOPMENT	326	81	85	29	24	81	4	8	4	8	2
ECONOMIC STATISTICS	168	73	27	6	18	19	1	5	1	12	6
MONETARY AND FISCAL THEORY AND INSTITUTIONS	319	123	37	46	12	80	1	4	1	14	1
INTERNATIONAL ECONOMICS	177	55	68	19	5	14	4	2	------	8	2
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	786	294	26	6	30	383	18	10	3	9	7
INDUSTRIAL ORGANIZATION	243	58	47	17	17	74	13	3	4	5	5
AGRICULTURE - NATURAL RESOURCES	540	214	196	23	21	56	9	------	2	11	8
MANPOWER - LABOR - POPULATION	225	74	57	26	18	18	7	4	5	12	4
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	236	67	55	32	30	32	7	1	3	7	2
ECONOMICS, OTHER	641	279	41	19	18	112	10	26	4	95	37
SOCIO-CULTURAL THEORY	301	275	1	------	2	1	------	2	2	14	4
METHODOLOGY	236	129	20	13	22	21	4	1	2	22	2
DEMOGRAPHY AND POPULATION	103	52	20	12	6	1	------	1	1	9	1
RURAL-URBAN SOCIOLOGY	184	128	10	7	17	4	3	------	------	10	5
SOCIAL CHANGE AND DEVELOPMENT	123	71	9	9	11	2	1	------	3	15	2
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	645	446	16	25	42	12	6	7	9	59	23
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	373	251	11	52	36	1	3	1	5	12	1
SOCIOLOGY, OTHER	357	120	7	9	5	4	3	1	2	138	68
POLITICAL THEORY	108	97	------	1	1	1	1	------	------	7	------
METHODOLOGY	65	36	5	1	6	4	1	2	1	7	2
PUBLIC POLICY	154	45	33	6	11	11	3	31	3	10	1
PUBLIC ADMINISTRATION	222	78	61	33	19	10	3	11	------	5	2
POLITICAL STABILITY, INSTABILITY AND CHANGE	54	33	2	------	3	4	------	------	2	9	1
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	293	227	16	6	6	------	------	5	2	28	3
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	563	431	18	32	15	14	10	8	8	20	7
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	241	175	15	3	5	5	3	2	2	26	5
POLITICAL SCIENCE, OTHER	151	75	14	4	5	9	4	6	1	25	8
ARCHEOLOGY/PREHISTORY	14	7	------	------	1	------	------	------	5	1	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	1	1	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	2	2	------	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	16	11	------	------	------	------	------	------	4	1	------
ANTHROPOLOGY, OTHER	30	23	------	1	1	------	1	------	------	3	1
APPLICATIONS TO LANGUAGE TEACHING	162	107	15	4	11	4	1	------	5	13	2
DESCRIPTIVE LINGUISTICS	65	40	2	------	10	2	1	------	1	5	4
GENERAL LINGUISTICS	17	13	------	------	------	------	------	------	------	3	1
HISTORICAL AND COMPARATIVE LINGUISTICS	18	12	------	------	------	1	------	------	------	3	2
LANGUAGE IN RELATION TO OTHER FIELDS	28	19	1	------	2	------	------	------	1	2	3
LANGUAGE POLICIES	1	------	------	------	1	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	2	------	------	------	2	------	------	------	------	------	------
MECHANIZED APPLICATIONS	6	1	------	------	------	3	------	------	------	2	------
PHONETICS	8	7	------	------	------	------	------	------	------	1	------
LINGUISTICS, OTHER	106	38	3	3	12	4	5	------	------	32	9
OTHER SPECIALTIES	2,117	574	217	82	110	776	31	241	24	26	36

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

NOTE: NO MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR ANY GROUP WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968

APPENDIX TABLE A-49D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL SUBFIELDS	89,141	13,790	12,174	3,913	1,976	43,729	2,386	3,211	517	5,278	2,167
ANALYTICAL CHEMISTRY	4,599	479	634	136	147	2,959	30	45	36	99	34
INORGANIC CHEMISTRY	1,512	520	41	14	11	802	4	16	8	56	40
ORGANIC CHEMISTRY	11,721	1,296	383	51	100	9,244	84	40	36	324	143
RELATED CHEMICAL SPECIALTIES	5,315	102	413	242	47	4,221	62	63	45	99	23
AGRICULTURAL CHEMISTRY	665	34	87	40	10	463	11	2	3	13	2
FOOD SCIENCE AND TECHNOLOGY	1,395	22	91	35	10	1,165	30	5	6	25	6
BIOCHEMISTRY	1,644	745	174	44	134	315	18	22	16	116	60
PHYSICAL CHEMISTRY	2,233	831	199	15	39	898	11	32	9	125	74
CHEMISTRY, OTHER	12,125	1,664	393	92	197	5,735	195	435	81	2,427	906
GEOCHEMISTRY	140	58	31	1	2	25	5	------	1	11	6
GEODESY	82	6	45	2	1	10	1	15	1	1	------
GEOLOGY	6,329	435	572	351	14	3,557	1,136	24	12	168	60
PALEONTOLOGY	173	55	5	4	1	60	8	1	9	22	8
SOLID-EARTH GEOPHYSICS	1,728	75	90	14	4	1,442	65	5	------	26	7
GEOGRAPHY	601	211	144	52	16	58	7	41	5	48	19
HYDROLOGY	521	19	353	69	------	52	16	2	3	6	1
OCEANOGRAPHY	265	48	133	8	5	25	------	34	1	4	7
EARTH SCIENCE, OTHER	806	155	50	16	4	138	77	68	3	204	91
MARINE SCIENCE, OTHER	4	1	2	------	------	------	------	1	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	268	72	93	6	8	37	1	37	------	6	8
CLIMATOLOGY	110	12	59	4	1	5	------	26	------	3	------
WEATHER ANALYSIS AND FORECASTING	1,657	11	577	6	2	89	4	944	3	15	6
METEOROLOGICAL AREA SPECIALIZATIONS	659	50	286	22	14	56	5	207	5	9	5
INSTRUMENTATION	136	15	40	3	4	63	2	8	------	1	------
SOLAR/PLANETARY SPECIALTIES	159	55	56	1	5	24	1	11	------	4	2
ATMOSPHERIC SCIENCE, OTHER	162	11	28	5	------	15	2	73	2	22	4
SPACE SCIENCE, OTHER	9	1	2	------	------	4	------	2	------	------	------
ACOUSTICS	450	27	178	2	11	207	10	4	2	7	2
ATOMIC AND MOLECULAR PHYSICS	199	104	21	1	3	46	------	3	------	7	14
ELECTROMAGNETISM	312	36	87	1	10	152	4	10	------	6	6
ELEMENTARY PARTICLES	240	195	5	1	1	4	1	1	2	14	16
MECHANICS	237	20	96	------	3	104	4	4	------	5	1
NUCLEAR PHYSICS	492	197	52	1	16	155	4	28	------	19	20
OPTICS	989	78	209	2	20	636	10	10	------	18	6
PHYSICS OF FLUIDS	255	77	73	------	8	68	2	8	------	10	9
SOLID STATE PHYSICS	582	191	53	------	6	267	5	3	------	24	33
THERMAL PHYSICS	114	35	20	------	1	46	1	1	------	3	7
PHYSICS, OTHER	1,608	817	127	11	19	246	12	42	3	209	122
ASTRONOMY	235	105	48	------	8	28	------	6	2	25	13
ELECTRONICS	524	45	90	1	10	339	8	18	------	11	2
ALGEBRA	95	75	6	1	------	6	1	------	1	5	------
ANALYSIS AND FUNCTIONAL ANALYSIS	88	46	13	------	4	20	------	1	------	4	------
GEOMETRY	77	60	2	1	1	5	------	1	2	3	2
LOGIC	19	4	1	------	1	6	2	2	------	3	------
OPERATIONS RESEARCH	768	31	200	16	73	389	3	34	8	9	5
NUMBER THEORY	8	7	------	------	------	------	------	1	------	------	------
NUMERICAL ANALYSIS	114	14	38	------	2	56	2	1	------	1	------
TOPOLOGY	15	11	2	------	------	------	------	------	------	1	1
PROBABILITY	42	7	9	1	1	21	------	1	------	2	------
MATHEMATICS, OTHER	1,949	547	51	41	37	1,045	40	16	25	120	27
COMPUTING THEORY	102	22	18	2	6	49	1	2	1	1	------
COMPUTER NUMERICAL PROCESSING	287	36	56	5	16	159	1	2	5	7	------
COMPUTER NON-NUMERICAL PROCESSING	524	59	72	7	55	303	4	6	7	8	3
BUSINESS DATA PROCESSING	1,360	48	88	46	33	1,072	22	24	14	9	4
COMPUTER HARDWARE DESIGN	191	8	10	2	3	158	3	2	------	3	2
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	2,302	153	184	28	188	1,663	22	24	15	19	6
COMPUTER SCIENCE, OTHER	1,164	100	127	25	38	724	13	55	9	58	15
AGRONOMY	351	62	119	10	8	126	9	1	5	5	6
ANIMAL HUSBANDRY	148	51	13	8	8	38	18	1	2	5	4
FISH AND WILDLIFE	1,379	57	515	738	9	18	4	11	5	15	7
FORESTRY	4,644	131	2,172	898	38	1,174	127	42	12	30	20
RANGE MANAGEMENT	573	21	496	20	1	10	13	3	4	3	2
HORTICULTURE	144	46	15	10	1	55	5	------	3	5	4
SOIL SCIENCE	463	50	276	51	2	49	13	5	2	13	2
AGRICULTURAL SCIENCES, OTHER	275	34	105	29	5	77	17	1	1	3	3
ANATOMY	40	26	1	------	2	2	1	2	------	4	2
BOTANY	189	122	18	14	3	6	2	------	------	17	7
ECOLOGY	298	137	65	39	16	5	3	1	4	20	8
ENTOMOLOGY	459	84	176	62	6	87	15	9	3	12	5
GENETICS	75	37	3	2	6	15	3	1	------	4	4
IMMUNOLOGY	97	36	15	8	12	15	------	2	------	6	3
MICROBIOLOGY	736	141	110	98	92	234	4	12	7	25	13
NUTRITION	61	25	3	2	3	25	1	1	------	------	1
PATHOLOGY	50	12	7	6	12	9	1	2	------	------	1
PHARMACOLOGY	104	16	6	2	2	75	------	1	------	------	2
PHYSIOLOGY	172	114	15	1	12	15	------	3	------	5	7
PLANT PATHOLOGY	113	52	22	11	------	18	------	1	------	8	1
VIROLOGY	110	28	15	12	3	41	------	2	------	4	5
ZOOLOGY	284	198	13	17	11	9	------	1	8	21	6
BIOPHYSICS	79	27	14	2	5	14	------	2	------	9	6
BIOLOGY, OTHER	2,191	1,084	121	97	93	203	65	103	21	293	111

APPENDIX TABLE A-49D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
CLINICAL PSYCHOLOGY	86	22	2	26	18	3	6	2	1	5	1
COUNSELING PSYCHOLOGY	27	9	5	5	5	------	------	------	------	3	------
DEVELOPMENTAL PSYCHOLOGY	4	4	------	------	------	------	------	------	------	------	------
EDUCATIONAL PSYCHOLOGY	9	8	1	------	------	------	------	------	------	------	------
ENGINEERING PSYCHOLOGY	15	2	2	------	------	10	------	------	1	------	------
GENERAL PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------	------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	22	2	1	1	2	11	4	------	------	1	------
PERSONALITY	3	2	------	------	------	------	1	------	------	------	------
SCHOOL PSYCHOLOGY	19	18	------	1	------	------	------	------	------	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	23	14	------	------	2	3	------	------	------	3	1
PSYCHOMETRICS	3	1	1	------	1	------	------	------	------	------	------
SOCIAL PSYCHOLOGY	74	47	2	3	2	3	1	------	------	14	2
PSYCHOLOGY, OTHER	51	25	5	5	3	2	1	2	------	6	2
STATISTICS	744	42	255	52	27	299	8	17	12	25	7
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	85	66	7	1	------	7	------	1	------	2	1
ECONOMIC GROWTH AND DEVELOPMENT	100	22	19	8	8	33	5	4	------	1	------
ECONOMIC STATISTICS	57	14	26	5	1	9	------	------	------	1	1
MONETARY AND FISCAL THEORY AND INSTITUTIONS	82	20	13	15	1	24	2	------	1	6	------
INTERNATIONAL ECONOMICS	43	4	24	4	3	5	1	------	------	1	1
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	198	12	6	3	9	152	11	2	1	2	------
INDUSTRIAL ORGANIZATION	96	16	29	7	5	29	5	1	1	2	1
AGRICULTURE - NATURAL RESOURCES	91	17	41	4	5	16	3	1	------	2	2
MANPOWER - LABOR - POPULATION	78	17	34	11	4	8	3	------	------	1	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	79	12	25	17	7	13	2	1	1	------	1
ECONOMICS, OTHER	191	34	27	10	7	86	5	5	1	11	5
SOCIO-CULTURAL THEORY	66	49	------	------	2	1	1	------	1	9	3
METHODOLOGY	87	49	8	4	10	8	------	2	3	2	1
DEMOGRAPHY AND POPULATION	39	10	13	6	1	2	------	------	1	3	3
RURAL-URBAN SOCIOLOGY	38	20	2	5	------	1	------	------	1	7	2
SOCIAL CHANGE AND DEVELOPMENT	21	8	3	3	2	------	1	------	------	3	1
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	153	86	9	7	9	6	------	------	------	28	8
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	70	34	6	16	4	1	------	2	------	6	1
SOCIOLOGY, OTHER	181	33	14	7	6	8	------	2	2	85	24
POLITICAL THEORY	6	5	------	------	------	1	------	------	------	------	------
METHODOLOGY	5	3	------	------	1	1	------	------	------	------	------
PUBLIC POLICY	19	5	8	------	3	------	1	2	------	------	------
PUBLIC ADMINISTRATION	17	3	9	2	1	2	------	------	------	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	3	3	------	------	------	------	------	------	------	------	------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	19	15	------	------	1	1	------	1	------	1	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	44	22	4	4	4	3	3	------	------	1	3
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	19	11	4	------	3	------	------	------	------	1	------
POLITICAL SCIENCE, OTHER	35	6	11	3	4	1	2	4	------	3	1
ARCHEOLOGY/PREHISTORY	7	2	1	------	1	1	------	------	1	1	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	2	1	1	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	5	2	------	------	------	------	2	------	------	1	------
ANTHROPOLOGY, OTHER	6	1	------	------	1	------	------	------	1	3	------
APPLICATIONS TO LANGUAGE TEACHING	26	15	3	------	4	2	1	------	1	------	------
DESCRIPTIVE LINGUISTICS	34	14	------	------	7	3	------	------	------	7	3
GENERAL LINGUISTICS	5	2	------	------	1	------	------	------	------	1	1
HISTORICAL AND COMPARATIVE LINGUISTICS	5	2	------	------	------	------	------	------	------	2	1
LANGUAGE IN RELATION TO OTHER FIELDS	9	3	1	------	1	------	------	------	------	3	1
LANGUAGE POLICIES	------	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	2	------	------	------	1	------	1	------	------	------	------
MECHANIZED APPLICATIONS	4	1	------	------	2	------	------	------	------	1	------
PHONETICS	1	------	------	------	------	------	------	------	------	------	1
LINGUISTICS, OTHER	52	10	3	1	18	1	1	4	1	10	3
OTHER SPECIALTIES	2,586	216	315	112	79	1,217	64	462	28	66	27

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-50. NUMBER OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL SUBFIELDS	297,942	96,036	46,177	38,841	62,870	28,568	62,087	16,847	12,334	14,365	8,416	12,707	12,280
ANALYTICAL CHEMISTRY	8,430	3,144	978	1,693	1,558	768	543	2,520	56	30	177	173	229
INORGANIC CHEMISTRY	3,920	1,953	1,149	553	652	463	698	287	24	9	47	119	131
ORGANIC CHEMISTRY	26,180	12,772	4,803	4,643	6,844	4,690	1,263	3,363	229	93	212	597	807
RELATED CHEMICAL SPECIALTIES	9,213	2,411	312	1,068	2,761	1,320	165	2,830	301	76	256	197	216
AGRICULTURAL CHEMISTRY	1,230	423	118	221	389	215	10	293	23	8	25	19	40
FOOD SCIENCE AND TECHNOLOGY	2,746	799	151	381	963	620	105	636	64	8	19	70	82
BIOCHEMISTRY	8,809	6,335	5,514	761	744	517	861	127	89	21	69	231	332
PHYSICAL CHEMISTRY	8,466	5,169	3,252	1,559	1,178	982	1,192	235	38	23	61	271	299
CHEMISTRY, OTHER	24,948	2,799	588	893	4,811	1,586	5,122	3,434	395	492	1,484	4,336	2,075
GEOCHEMISTRY	599	334	258	73	53	39	125	15	3	10	5	21	33
GEODESY	154	31	7	24	65	21	7	5	1	20	17	2	6
GEOLOGY	13,054	1,631	930	694	2,038	575	1,627	1,251	539	4,971	195	306	496
PALEONTOLOGY	885	275	198	77	33	15	317	10	4	143	19	50	34
SOLID-EARTH GEOPHYSICS	2,873	591	260	326	519	144	108	38	58	1,364	58	52	85
GEOGRAPHY	2,633	289	177	112	308	112	1,423	46	19	207	88	128	125
HYDROLOGY	982	314	96	218	266	111	57	20	50	189	47	14	25
OCEANOGRAPHY	722	314	205	109	188	118	68	10	3	51	38	10	40
EARTH SCIENCE, OTHER	1,471	108	55	49	235	86	303	46	30	121	68	304	256
MARINE SCIENCE, OTHER	8	3	3	------	3	1	1	------	------	1	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,127	729	443	281	141	105	113	1	14	30	26	22	51
CLIMATOLOGY	336	78	33	45	44	10	60	1	14	107	17	9	6
WEATHER ANALYSIS AND FORECASTING	2,361	66	15	50	598	45	32	12	22	1,457	94	25	55
METEOROLOGICAL AREA SPECIALIZATIONS	1,259	321	108	213	402	135	58	21	27	270	91	18	51
INSTRUMENTATION	269	76	12	64	109	63	6	17	5	28	16	2	10
SOLAR/PLANETARY SPECIALTIES	789	513	401	105	134	106	50	2	5	30	18	7	30
ATMOSPHERIC SCIENCE OTHER	350	65	28	36	89	38	23	10	9	30	42	38	44
SPACE SCIENCE, OTHER	27	5	1	4	12	8	2	------	------	3	4	------	1
ACOUSTICS	1,296	694	166	424	327	269	104	8	54	29	9	21	50
ATOMIC AND MOLECULAR PHYSICS	1,273	815	704	97	83	52	275	2	2	7	7	21	61
ELECTROMAGNETISM	1,281	755	185	476	258	212	154	11	19	12	14	21	37
ELEMENTARY PARTICLES	1,677	1,191	1,125	55	107	92	212	------	2	27	------	44	94
MECHANICS	687	346	74	205	147	113	125	3	5	17	17	13	14
NUCLEAR PHYSICS	3,134	1,847	1,166	538	565	436	437	13	28	55	30	59	100
OPTICS	2,785	1,776	323	1,046	591	456	150	27	44	41	31	53	72
PHYSICS OF FLUIDS	1,687	1,124	643	435	197	179	241	1	7	12	5	29	71
SOLID STATE PHYSICS	4,054	2,798	1,902	753	389	328	564	16	17	9	12	85	164
THERMAL PHYSICS	501	304	196	85	54	43	82	1	4	9	4	13	30
PHYSICS, OTHER	7,326	1,390	805	491	722	356	3,751	32	52	61	86	644	588
ASTRONOMY	1,325	824	670	124	141	102	213	1	4	25	10	54	53
ELECTRONICS	1,504	724	61	381	493	368	139	26	30	22	17	20	33
ALGEBRA	1,857	330	297	29	90	21	1,239	2	2	15	32	70	77
ANALYSIS AND FUNCTIONAL ANALYSIS	2,982	697	582	97	146	43	1,844	1	4	18	49	84	139
GEOMETRY	699	112	106	4	32	6	480	2	1	6	5	29	32
LOGIC	387	106	96	8	18	6	207	1	1	4	5	27	18
OPERATIONS RESEARCH	2,942	1,261	61	1,107	910	652	159	21	205	98	160	28	100
NUMBER THEORY	299	46	45	1	16	2	206	1	1	1	5	14	9
NUMERICAL ANALYSIS	783	380	90	258	91	51	177	------	27	40	19	21	28
TOPOLOGY	894	248	239	9	38	12	507	1	1	3	18	29	49
PROBABILITY	547	226	112	105	46	27	199	4	9	17	11	13	22
MATHEMATICS, OTHER	7,849	695	215	391	1,345	404	4,202	45	372	238	208	430	314
COMPUTING THEORY	389	116	54	49	71	36	123	------	17	38	13	3	8
COMPUTER NUMERICAL PROCESSING	903	327	45	207	174	88	63	11	34	202	40	21	31
COMPUTER NON-NUMERICAL PROCESSING	1,342	581	101	348	307	198	65	5	64	210	61	19	30
BUSINESS DATA PROCESSING	2,819	397	7	262	1,231	334	54	17	325	543	125	14	113
COMPUTER HARDWARE DESIGN	487	230	4	125	158	116	33	4	16	9	17	8	12
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	4,272	1,738	60	865	1,087	642	79	63	337	573	247	36	112
COMPUTER SCIENCE, OTHER	2,702	625	47	379	910	441	111	167	139	304	227	107	112
AGRONOMY	1,511	669	124	543	459	196	176	15	5	8	106	16	57
ANIMAL HUSBANDRY	928	271	66	205	260	116	286	2	8	6	46	17	32
FISH AND WILDLIFE	2,789	843	314	528	1,461	698	128	5	9	87	132	35	89
FORESTRY	6,338	587	161	425	4,733	342	280	42	36	103	355	51	151
RANGE MANAGEMENT	842	134	25	108	549	38	52	9	1	14	50	6	27
HORTICULTURE	1,014	494	79	414	223	105	169	2	1	6	69	10	40
SOIL SCIENCE	1,579	790	353	436	290	130	151	49	28	48	128	34	61
AGRICULTURE SCIENCES, OTHER	1,029	297	88	208	473	238	93	22	10	19	70	8	37

APPENDIX TABLE A-50. NUMBER OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ANATOMY	889	271	259	12	88	35	451	2	18	3	6	14	36
BOTANY	2,161	515	452	63	185	52	1,254	2	2	14	44	86	89
ECOLOGY	1,875	619	493	126	325	166	725	3	3	14	47	81	58
ENTOMOLOGY	2,301	1,143	592	550	559	237	282	10	13	18	147	49	80
GENETICS	1,547	901	634	267	150	110	393	------	9	1	13	36	44
IMMUNOLOGY	1,144	800	594	206	125	78	103	------	38	------	7	29	46
MICROBIOLOGY	4,027	1,700	1,022	678	852	397	830	25	228	18	46	93	135
NUTRITION	1,062	534	281	253	280	191	138	4	20	10	26	10	40
PATHOLOGY	1,460	596	386	210	210	89	237	------	291	4	46	5	71
PHARMACOLOGY	1,743	955	645	310	400	322	241	------	44	21	18	6	58
PHYSIOLOGY	3,924	2,161	1,651	507	351	231	1,102	1	96	9	23	52	129
PLANT PATHOLOGY	1,172	786	435	351	156	102	66	1	8	6	61	28	60
VIROLOGY	1,008	733	527	206	131	105	69	1	10	4	11	13	36
ZOOLOGY	2,670	545	496	49	221	69	1,656	------	2	19	53	107	67
BIOPHYSICS	792	553	489	61	76	60	89	1	10	6	2	19	36
BIOLOGY, OTHER	10,815	2,157	1,267	880	1,885	861	3,880	64	1,097	68	301	685	678
CLINICAL PSYCHOLOGY	6,628	1,129	67	1,024	904	184	769	4	3,430	11	85	131	165
COUNSELING PSYCHOLOGY	2,329	148	9	133	497	66	514	1	1,023	7	31	53	55
DEVELOPMENTAL PSYCHOLOGY	963	258	152	98	126	69	466	------	44	6	6	31	26
EDUCATIONAL PSYCHOLOGY	2,379	537	40	446	874	258	628	------	169	7	63	34	67
ENGINEERING PSYCHOLOGY	573	294	16	229	201	162	29	------	11	11	16	3	8
GENERAL PSYCHOLOGY	189	14	6	6	28	13	126	------	1	2	3	9	6
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,574	291	29	246	612	221	181	------	396	4	32	24	34
PERSONALITY	370	122	78	41	34	15	187	------	8	5	------	8	6
SCHOOL PSYCHOLOGY	2,138	1,237	5	1,219	289	40	157	------	293	8	64	36	54
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,421	1,166	989	171	185	111	947	------	12	5	12	38	56
PSYCHOMETRICS	581	248	51	183	131	87	168	------	1	5	5	10	13
SOCIAL PSYCHOLOGY	1,272	381	273	101	195	111	547	------	13	9	31	54	42
PSYCHOLOGY, OTHER	2,134	289	114	166	328	129	876	2	137	10	53	356	83
STATISTICS	3,148	806	185	583	666	331	599	168	288	323	91	84	123
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,793	202	115	85	146	52	1,287	2	12	35	17	37	55
ECONOMIC GROWTH AND DEVELOPMENT	1,076	323	95	190	242	140	281	5	47	111	23	14	30
ECONOMIC STATISTICS	509	133	46	85	76	47	223	3	13	28	8	14	11
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,048	201	72	126	241	96	437	9	26	55	22	27	30
INTERNATIONAL ECONOMICS	508	122	34	79	104	36	181	2	16	40	22	11	10
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	1,930	144	28	105	600	156	808	109	94	47	54	14	60
INDUSTRIAL ORGANIZATION	664	154	39	110	180	88	202	3	48	27	17	14	19
AGRICULTURE - NATURAL RESOURCES	1,395	594	97	476	322	179	257	32	32	62	43	17	36
MANPOWER - LABOR - POPULATION	676	152	55	90	183	78	246	1	18	20	12	17	27
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	640	231	49	176	175	104	139	2	29	30	12	9	13
ECONOMICS, OTHER	1,295	126	22	99	336	100	420	58	25	46	44	144	96
SOCIO-CULTURAL THEORY	729	65	62	3	38	6	553	------	------	4	18	29	22
METHODOLOGY	580	227	103	124	91	71	193	------	1	5	23	26	14
DEMOGRAPHY AND POPULATION	320	109	72	37	61	42	107	------	2	8	5	17	11
RURAL-URBAN SOCIOLOGY	516	140	72	68	74	43	246	------	2	7	11	19	17
SOCIAL CHANGE AND DEVELOPMENT	369	91	61	30	76	33	145	------	2	4	13	20	18
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	2,059	465	304	161	290	101	1,048	------	12	25	45	98	76
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	787	155	87	68	131	63	399	------	7	14	42	21	18
SOCIOLOGY, OTHER	754	63	38	25	77	25	173	------	6	9	34	262	130

APPENDIX TABLE A-50. NUMBER OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY											NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER			
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D								
POLITICAL THEORY	381	36	34	2	25	4	295	------	2	1	7		9	6
METHODOLOGY	117	38	23	12	12	9	40	------	4	11	------		9	3
PUBLIC POLICY	409	74	30	38	117	28	137	------	5	28	33		10	5
PUBLIC ADMINISTRATION	552	44	17	17	256	70	157	------	21	14	28		10	22
POLITICAL STABILITY, INSTABILITY AND CHANGE	122	31	22	7	13	7	57	------	------	4	3		10	4
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	931	122	100	15	73	30	635	------	4	11	19		42	25
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	1,448	131	85	42	185	51	963	------	19	33	41		37	39
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	809	96	76	19	104	36	523	------	------	12	14		37	23
POLITICAL SCIENCE, OTHER	311	37	24	12	55	13	112	1	8	8	17		46	27
ARCHEOLOGY/PREHISTORY	275	64	63	1	37	22	140	------	------	19	2		4	9
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	34	11	11	------	1	------	20	------	------	------	------		1	1
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	86	29	24	5	8	7	44	------	------	------	------		------	5
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	770	150	121	29	71	35	469	------	7	13	2		23	35
ANTHROPOLOGY, OTHER	95	9	8	1	14	9	36	------	2	------	1		18	15
APPLICATIONS TO LANGUAGE TEACHING	422	32	4	28	63	13	251	------	6	30	3		15	22
DESCRIPTIVE LINGUISTICS	326	68	59	9	27	9	182	------	3	7	2		18	19
GENERAL LINGUISTICS	86	28	23	5	3	1	40	------	1	1	------		6	7
HISTORICAL AND COMPARATIVE LINGUISTICS	211	28	24	4	13	3	150	------	------	------	------		9	11
LANGUAGE IN RELATION TO OTHER FIELDS	125	26	20	6	12	4	67	------	------	3	1		7	9
LANGUAGE POLICIES	6	2	1	1	3	1	1	------	------	------	------		------	------
LITERACY AND WRITING SYSTEMS	6	4	2	2	------	------	1	------	------	1	------		------	------
MECHANIZED APPLICATIONS	30	14	6	8	3	3	5	------	1	------	1		3	3
PHONETICS	31	7	6	1	2	1	17	------	------	------	------		2	3
LINGUISTICS, OTHER	301	32	11	21	33	8	104	1	6	20	18		52	35
OTHER SPECIALTIES	6,567	1,001	209	571	2,908	1,001	717	468	195	216	683		117	262

(A) INCLUDES DEVELOPMENT AND DESIGN.
(B) INCLUDES MANAGEMENT AND ADMINISTRATION, OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-51. NUMBER OF SCIENTISTS, BY SUBFIELD AND AGE, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ALL SUBFIELDS	297,942	9,759	51,661	51,751	47,199	43,162	35,336	24,439	15,971	9,919	4,748	3,050	947
ANALYTICAL CHEMISTRY	8,430	458	1,543	1,302	1,238	1,232	1,015	745	462	278	103	39	15
INORGANIC CHEMISTRY	3,920	301	932	608	519	486	398	291	168	128	49	31	9
ORGANIC CHEMISTRY	26,180	1,233	4,660	3,781	3,485	3,524	3,507	2,831	1,678	938	315	154	74
RELATED CHEMICAL SPECIALTIES	9,213	345	1,258	1,246	1,146	1,387	1,426	1,072	734	363	140	69	27
AGRICULTURAL CHEMISTRY	1,230	49	158	177	140	206	178	136	82	69	24	8	3
FOOD SCIENCE AND TECHNOLOGY	2,746	37	210	287	360	400	445	382	319	179	79	43	5
BIOCHEMISTRY	8,809	424	1,746	1,744	1,500	1,197	893	599	340	188	93	54	31
PHYSICAL CHEMISTRY	8,466	528	1,884	1,572	1,389	1,060	948	486	282	152	84	46	35
CHEMISTRY, OTHER	24,948	2,724	4,889	3,255	2,402	2,606	2,577	1,962	1,304	1,045	933	1,147	104
GEOCHEMISTRY	599	33	109	138	125	70	54	31	22	8	4	5	------
GEODESY	154	12	21	20	34	18	23	9	8	5	2	2	------
GEOLOGY	13,054	252	1,099	1,776	2,479	2,818	1,964	1,151	672	449	211	149	34
PALEONTOLOGY	885	32	160	167	172	117	76	51	33	41	21	13	2
SOLID-EARTH GEOPHYSICS	2,873	54	342	461	475	630	360	214	201	90	23	14	9
GEOGRAPHY	2,633	116	532	481	430	338	274	204	108	83	41	14	12
HYDROLOGY	982	15	84	142	179	153	136	108	91	54	14	4	2
OCEANOGRAPHY	722	29	145	133	124	121	96	40	18	12	------	2	2
EARTH SCIENCE, OTHER	1,471	202	333	178	166	153	128	95	64	73	37	34	8
MARINE SCIENCE, OTHER	8	1	------	2	------	------	1	3	1	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,127	32	223	256	205	136	125	82	39	19	6	3	1
CLIMATOLOGY	336	11	49	38	56	32	60	54	15	13	4	4	------
WEATHER ANALYSIS AND FORECASTING	2,361	91	621	295	363	232	321	267	105	55	7	1	3
METEOROLOGICAL AREA SPECIALIZATIONS	1,259	35	197	163	214	144	234	162	78	20	6	3	3
INSTRUMENTATION	269	4	21	39	42	43	49	35	21	9	4	1	1
SOLAR/PLANETARY SPECIALTIES	789	13	194	188	155	99	70	47	9	8	4	1	1
ATMOSPHERIC SCIENCE, OTHER	350	32	72	49	62	34	41	31	17	7	4	------	1
SPACE SCIENCE, OTHER	27	------	5	4	4	5	6	3	------	------	------	------	------
ACOUSTICS	1,296	9	237	279	213	195	132	101	61	42	20	6	1
ATOMIC AND MOLECULAR PHYSICS	1,273	25	351	328	223	141	102	37	30	16	14	1	5
ELECTROMAGNETISM	1,281	12	239	287	234	197	134	70	54	31	14	5	4
ELEMENTARY PARTICLES	1,677	49	627	472	226	153	80	39	15	9	3	------	4
MECHANICS	687	4	115	154	103	107	83	44	31	25	14	4	3
NUCLEAR PHYSICS	3,134	43	749	745	576	465	296	135	71	30	17	2	5
OPTICS	2,785	33	613	638	458	379	294	148	111	68	29	7	7
PHYSICS OF FLUIDS	1,687	14	359	428	341	276	136	66	33	19	8	1	6
SOLID STATE PHYSICS	4,054	72	1,036	1,099	782	518	293	106	71	41	20	5	11
THERMAL PHYSICS	501	8	145	129	78	50	46	21	6	14	3	1	------
PHYSICS, OTHER	7,326	196	1,898	1,447	1,047	850	659	416	320	269	169	38	17
ASTRONOMY	1,325	48	411	290	198	135	79	48	40	38	24	8	6
ELECTRONICS	1,504	11	251	308	250	225	205	103	77	47	17	3	7
ALGEBRA	1,857	24	554	457	248	217	109	97	71	55	21	3	1
ANALYSIS AND FUNCTIONAL ANALYSIS	2,982	18	769	730	434	323	205	167	143	114	57	20	2
GEOMETRY	699	5	168	142	100	66	50	51	46	35	24	11	1
LOGIC	387	5	113	76	60	47	29	24	7	18	5	2	1
OPERATIONS RESEARCH	2,942	29	470	645	570	511	367	199	101	30	14	3	3
NUMBER THEORY	299	3	64	75	43	34	31	19	11	11	5	3	------
NUMERICAL ANALYSIS	783	4	163	174	158	110	77	38	30	19	8	1	1
TOPOLOGY	894	17	307	260	141	71	42	29	10	8	3	4	2
PROBABILITY	547	6	121	150	97	77	44	26	9	12	2	2	1
MATHEMATICS, OTHER	7,849	143	1,652	1,609	1,245	1,049	681	535	442	294	147	41	11
COMPUTING THEORY	389	6	109	90	80	54	20	15	13	1	1	------	------
COMPUTER NUMERICAL PROCESSING	903	17	232	219	200	115	66	32	15	5	------	------	2
COMPUTER NON-NUMERICAL PROCESSING	1,342	26	344	375	285	174	83	33	15	3	1	1	2
BUSINESS DATA PROCESSING	2,819	14	530	729	652	464	228	111	58	21	6	3	3
COMPUTER HARDWARE DESIGN	487	3	75	109	117	103	47	18	12	2	------	1	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	4,272	94	1,021	1,353	997	511	195	62	22	8	2	2	5
COMPUTER SCIENCE, OTHER	2,702	88	631	624	444	414	292	125	51	17	5	1	10
AGRONOMY	1,511	18	175	200	245	221	270	175	117	52	24	8	6
ANIMAL HUSBANDRY	928	18	111	143	143	136	154	96	66	34	17	5	5
FISH AND WILDLIFE	2,789	42	510	559	475	400	361	246	131	42	11	4	8
FORESTRY	6,338	88	1,108	1,193	1,057	950	674	589	418	187	38	13	23
RANGE MANAGEMENT	842	10	165	165	143	112	98	72	51	23	------	1	2
HORTICULTURE	1,014	11	96	105	168	153	177	141	80	50	22	6	5
SOIL SCIENCE	1,579	30	161	263	279	223	243	171	101	70	18	11	9
AGRICULTURE SCIENCES, OTHER	1,029	8	108	141	160	163	151	145	76	48	23	1	5

APPENDIX TABLE A-51. NUMBER OF SCIENTISTS, BY SUBFIELD AND AGE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE										NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ANATOMY	889	5	64	132	122	161	128	92	72	77	24	11	1
BOTANY	2,161	46	376	403	350	264	212	181	138	109	53	22	7
ECOLOGY	1,875	38	381	405	322	243	195	122	89	54	17	6	3
ENTOMOLOGY	2,301	37	361	363	378	324	276	217	182	114	34	6	9
GENETICS	1,547	11	187	303	294	270	208	108	84	41	20	11	10
IMMUNOLOGY	1,144	12	139	244	251	207	131	66	52	25	12	5	------
MICROBIOLOGY	4,027	61	571	589	650	707	543	395	281	131	63	21	15
NUTRITION	1,062	12	122	155	165	165	179	106	62	54	26	11	5
PATHOLOGY	1,460	------	72	163	256	296	238	165	111	91	49	15	4
PHARMACOLOGY	1,743	4	140	283	362	346	258	153	103	64	18	8	4
PHYSIOLOGY	3,924	27	437	732	782	732	489	327	189	116	59	25	9
PLANT PATHOLOGY	1,172	23	184	205	179	178	127	117	56	71	20	8	4
VIROLOGY	1,008	5	138	202	196	193	122	65	46	27	5	5	4
ZOOLOGY	2,670	73	543	489	437	366	252	201	134	115	43	7	10
BIOPHYSICS	792	10	141	145	140	142	93	54	33	18	7	4	5
BIOLOGY, OTHER	10,815	323	1,790	1,564	1,595	1,619	1,369	1,033	708	468	183	93	50
CLINICAL PSYCHOLOGY	6,628	16	623	1,045	1,202	1,399	987	558	382	214	96	68	38
COUNSELING PSYCHOLOGY	2,329	2	154	313	437	375	323	286	219	134	51	24	11
DEVELOPMENTAL PSYCHOLOGY	963	3	101	183	178	166	106	79	54	45	25	19	4
EDUCATIONAL PSYCHOLOGY	2,379	3	104	298	440	496	369	281	200	110	45	26	7
ENGINEERING PSYCHOLOGY	573	2	54	84	133	133	99	41	19	5	2	------	1
GENERAL PSYCHOLOGY	189	2	13	25	29	39	21	22	12	13	6	6	1
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,574	4	123	195	293	308	259	167	118	57	32	15	3
PERSONALITY	370	------	38	59	77	63	49	33	32	8	7	4	------
SCHOOL PSYCHOLOGY	2,138	7	209	281	378	445	313	194	159	91	38	12	11
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	2,421	14	420	649	533	380	226	91	43	34	10	12	9
PSYCHOMETRICS	581	1	84	112	117	91	75	44	35	10	8	3	1
SOCIAL PSYCHOLOGY	1,272	24	212	266	211	199	158	103	41	24	19	12	3
PSYCHOLOGY, OTHER	2,134	27	245	332	327	336	287	174	126	91	71	105	13
STATISTICS	3,148	21	489	618	521	455	355	322	209	103	41	12	2
GENERAL ECONOMICS - THEORY HISTORY - SYSTEMS	1,793	11	283	308	294	218	253	166	119	66	38	32	5
ECONOMIC GROWTH AND DEVELOPMENT	1,076	3	143	201	172	147	155	106	80	38	21	7	3
ECONOMIC STATISTICS	509	4	98	121	90	50	59	39	15	18	8	3	4
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,048	5	146	195	166	138	148	100	65	44	21	19	1
INTERNATIONAL ECONOMICS	508	3	68	87	72	60	75	67	44	18	9	4	1
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	1,930	9	162	290	361	319	314	196	124	91	40	19	5
INDUSTRIAL ORGANIZATION	664	1	73	87	108	111	96	80	50	27	20	11	------
AGRICULTURE - NATURAL RESOURCES	1,395	1	125	240	244	187	212	153	107	82	26	15	3
MANPOWER - LABOR - POPULATION	676	4	64	84	106	78	113	89	62	40	23	9	4
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	640	2	93	120	117	75	90	58	38	23	17	7	------
ECONOMICS, OTHER	1,295	21	233	190	181	166	163	116	91	54	43	32	5
SOCIO-CULTURAL THEORY	729	24	124	113	99	96	89	71	53	34	15	6	5
METHODOLOGY	580	32	145	110	86	78	64	33	12	8	5	1	6
DEMOGRAPHY AND POPULATION	320	11	61	57	40	43	31	20	27	14	6	6	4
RURAL-URBAN SOCIOLOGY	516	10	82	76	73	84	48	52	40	25	13	8	5
SOCIAL CHANGE AND DEVELOPMENT	369	6	62	55	58	65	50	32	24	10	4	3	------
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	2,059	63	357	323	301	296	282	177	125	59	41	19	16
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	787	25	150	144	112	95	86	64	46	33	13	10	9
SOCIOLOGY, OTHER	754	68	191	108	97	74	58	32	30	28	17	45	6
POLITICAL THEORY	381	8	65	82	53	45	54	32	16	10	7	5	4
METHODOLOGY	117	7	42	27	14	10	7	4	4	------	1	1	------
PUBLIC POLICY	409	10	67	75	68	45	65	38	23	13	3	1	1
PUBLIC ADMINISTRATION	552	8	77	67	79	68	82	74	47	30	13	3	4
POLITICAL STABILITY, INSTABILITY AND CHANGE	122	2	38	26	23	15	6	5	3	------	2	------	2
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	931	17	205	219	174	122	100	38	26	15	7	4	4
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	1,448	27	275	270	237	160	168	108	82	67	28	19	7
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	809	7	141	143	112	86	95	76	73	40	19	12	5
POLITICAL SCIENCE, OTHER	311	5	50	53	46	34	36	29	15	10	11	17	5

APPENDIX TABLE A-51. NUMBER OF SCIENTISTS, BY SUBFIELD AND AGE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE										NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ARCHEOLOGY/PREHISTORY	275	------	22	40	51	48	30	38	25	10	7	4	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	34	------	1	4	9	10	1	4	1	3	------	------	1
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	86	------	9	14	18	13	8	6	5	6	5	1	1
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	770	------	17	91	152	159	132	88	55	46	19	8	3
ANTHROPOLOGY, OTHER	95	1	10	8	6	20	11	7	7	8	6	10	1
APPLICATIONS TO LANGUAGE TEACHING	422	------	49	63	77	62	72	41	32	18	5	2	1
DESCRIPTIVE LINGUISTICS	326	2	47	64	66	57	32	15	12	21	6	4	------
GENERAL LINGUISTICS	86	1	16	21	21	6	9	6	1	3	1	1	------
HISTORICAL AND COMPARATIVE LINGUISTICS	211	1	19	43	32	17	20	20	23	20	10	6	------
LANGUAGE IN RELATION TO OTHER FIELDS	125	3	20	13	28	27	11	9	6	4	2	2	------
LANGUAGE POLICIES	6	------	2	------	------	2	1	1	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	6	------	1	2	1	------	2	------	------	------	------	------	------
MECHANIZED APPLICATIONS	30	1	4	5	9	1	6	1	1	2	------	------	------
PHONETICS	31	1	2	5	8	3	5	1	1	3	2	------	------
LINGUISTICS, OTHER	301	10	47	55	46	41	28	25	25	14	5	5	------
OTHER SPECIALTIES	6,567	218	985	923	1,003	1,003	884	664	460	256	111	44	16

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-52. NUMBER OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ALL SUBFIELDS	297,942	11,312	44,308	55,645	42,590	39,352	22,729	17,030	12,294	6,458	5,422	40,802
ANALYTICAL CHEMISTRY	8,430	375	1,191	1,376	1,082	1,145	663	559	360	162	133	1,384
INORGANIC CHEMISTRY	3,920	260	728	575	410	425	233	244	138	69	78	760
ORGANIC CHEMISTRY	26,180	1,232	3,573	3,556	2,979	3,305	1,966	2,223	1,463	630	430	4,823
RELATED CHEMICAL SPECIALTIES	9,213	320	938	1,216	989	1,404	901	873	622	283	195	1,472
AGRICULTURAL CHEMISTRY	1,230	48	135	181	117	202	105	96	65	44	32	205
FOOD SCIENCE AND TECHNOLOGY	2,746	40	160	318	315	371	311	257	243	118	101	512
BIOCHEMISTRY	8,809	550	1,665	1,593	1,193	915	548	356	254	135	102	1,498
PHYSICAL CHEMISTRY	8,466	530	1,578	1,408	1,085	928	524	444	219	103	114	1,533
CHEMISTRY, OTHER	24,948	1,277	2,893	2,966	1,965	2,323	1,555	1,494	957	577	709	8,232
GEOCHEMISTRY	599	34	110	134	77	56	38	15	16	2	5	112
GEODESY	154	12	19	22	18	21	14	8	4	5	3	28
GEOLOGY	13,054	365	1,126	1,715	2,101	2,764	1,149	605	530	222	296	2,181
PALEONTOLOGY	885	37	157	168	123	98	34	24	33	19	26	166
SOLID-EARTH GEOPHYSICS	2,873	86	286	400	406	549	242	128	173	73	34	496
GEOGRAPHY	2,633	171	544	485	315	259	157	109	70	40	43	440
HYDROLOGY	982	22	84	139	155	163	75	70	62	39	19	154
OCEANOGRAPHY	722	39	133	136	89	88	55	32	7	6	3	134
EARTH SCIENCE, OTHER	1,471	72	167	164	122	110	66	53	44	27	34	612
MARINE SCIENCE, OTHER	8	1	---	---	---	1	2	1	---	---	---	3
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,127	53	191	224	171	132	71	83	35	10	8	149
CLIMATOLOGY	336	11	40	46	39	44	38	58	9	5	5	41
WEATHER ANALYSIS AND FORECASTING	2,361	180	429	294	303	262	257	252	69	32	10	273
METEOROLOGICAL AREA SPECIALIZATIONS	1,259	42	145	173	172	157	131	171	43	19	11	195
INSTRUMENTATION	269	5	15	30	38	41	33	28	32	4	3	40
SOLAR/PLANETARY SPECIALTIES	789	45	174	191	133	85	41	42	14	6	5	53
ATMOSPHERIC SCIENCE, OTHER	350	19	52	58	34	39	25	33	7	3	1	79
SPACE SCIENCE, OTHER	27	---	2	5	4	6	3	4	---	---	---	3
ACOUSTICS	1,296	39	196	309	207	181	106	108	53	34	32	31
ATOMIC AND MOLECULAR PHYSICS	1,273	78	296	347	189	113	53	43	32	12	12	98
ELECTROMAGNETISM	1,281	40	190	320	212	184	116	76	42	23	28	50
ELEMENTARY PARTICLES	1,677	167	531	390	189	121	46	37	25	4	5	162
MECHANICS	687	13	95	161	113	101	63	52	33	17	16	23
NUCLEAR PHYSICS	3,134	168	656	781	481	442	195	153	57	28	17	156
OPTICS	2,785	73	473	730	446	413	207	156	101	54	37	95
PHYSICS OF FLUIDS	1,687	73	316	413	301	247	111	73	27	18	10	98
SOLID STATE PHYSICS	4,054	244	977	1,067	661	475	171	111	60	32	28	228
THERMAL PHYSICS	501	32	135	120	64	53	29	19	7	7	7	28
PHYSICS, OTHER	7,326	300	1,302	1,550	998	765	436	337	303	196	192	947
ASTRONOMY	1,325	106	334	289	175	120	46	49	30	35	28	113
ELECTRONICS	1,504	31	199	383	213	265	125	127	60	49	27	45
ALGEBRA	1,857	37	452	566	276	143	106	64	61	38	25	89
ANALYSIS AND FUNCTIONAL ANALYSIS	2,982	77	685	801	407	284	179	122	102	82	83	160
GEOMETRY	699	12	129	185	92	74	39	26	40	24	36	42
LOGIC	387	14	97	102	54	40	22	14	10	9	7	18
OPERATIONS RESEARCH	2,942	23	380	693	589	515	249	211	86	30	19	147
NUMBER THEORY	299	8	64	74	46	35	16	15	9	6	11	15
NUMERICAL ANALYSIS	783	8	134	219	147	104	50	33	22	10	11	45
TOPOLOGY	894	40	299	258	104	72	34	15	13	4	7	48
PROBABILITY	547	13	125	145	92	72	38	13	10	5	10	24
MATHEMATICS, OTHER	7,849	59	1,228	2,086	1,355	977	570	366	326	240	194	448
COMPUTING THEORY	389	6	77	119	86	44	14	9	11	4	---	19
COMPUTER NUMERICAL PROCESSING	903	3	175	279	211	122	47	18	9	4	1	34
COMPUTER NON-NUMERICAL PROCESSING	1,342	6	234	486	294	174	50	31	6	1	3	57
BUSINESS DATA PROCESSING	2,819	---	324	886	683	420	170	82	46	20	10	178
COMPUTER HARDWARE DESIGN	487	4	46	118	109	114	40	20	7	1	2	26
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	4,272	5	533	1,755	1,099	470	141	40	19	9	3	198
COMPUTER SCIENCE, OTHER	2,702	79	470	645	486	416	189	104	51	15	8	239
AGRONOMY	1,511	55	185	240	227	278	173	105	115	39	25	69
ANIMAL HUSBANDRY	928	38	126	155	146	143	118	56	51	30	20	45
FISH AND WILDLIFE	2,789	93	493	631	457	487	242	136	98	34	16	102
FORESTRY	6,338	144	873	1,370	1,115	1,095	564	307	367	202	58	243
RANGE MANAGEMENT	842	23	127	203	138	126	65	53	45	21	1	40
HORTICULTURE	1,014	13	113	162	173	166	127	74	74	38	23	51
SOIL SCIENCE	1,579	46	190	259	264	275	138	111	105	35	31	125
AGRICULTURE SCIENCES, OTHER	1,029	26	108	170	150	162	135	85	75	34	21	63

APPENDIX TABLE A-52. NUMBER OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ANATOMY	889	11	101	144	144	117	72	59	52	50	37	102
BOTANY	2,161	85	391	483	322	243	157	108	101	83	62	126
ECOLOGY	1,875	78	392	466	288	209	142	70	77	27	28	98
ENTOMOLOGY	2,301	90	343	447	343	332	197	136	141	103	45	124
GENETICS	1,547	60	252	335	270	215	120	71	62	32	31	99
IMMUNOLOGY	1,144	41	169	258	230	144	76	47	39	12	15	113
MICROBIOLOGY	4,027	132	576	712	642	626	361	302	199	95	61	321
NUTRITION	1,062	31	132	189	162	136	115	79	45	34	35	104
PATHOLOGY	1,460	18	120	236	231	207	174	105	85	67	47	170
PHARMACOLOGY	1,743	59	206	315	314	257	163	91	82	40	20	196
PHYSIOLOGY	3,924	140	568	779	693	517	323	204	128	99	64	409
PLANT PATHOLOGY	1,172	54	207	211	192	150	102	66	46	42	24	78
VIROLOGY	1,008	33	153	225	199	141	71	40	31	18	4	93
ZOOLOGY	2,670	112	520	631	403	303	177	123	105	76	60	160
BIOPHYSICS	792	43	134	147	129	94	71	45	28	13	9	79
BIOLOGY, OTHER	10,815	358	1,335	1,784	1,608	1,366	938	698	509	295	224	1,700
CLINICAL PSYCHOLOGY	6,628	150	955	1,429	1,325	1,235	524	286	204	111	97	312
COUNSELING PSYCHOLOGY	2,329	24	233	453	431	388	237	160	129	81	52	141
DEVELOPMENTAL PSYCHOLOGY	963	18	152	211	178	132	69	42	40	24	20	77
EDUCATIONAL PSYCHOLOGY	2,379	15	174	381	489	486	285	150	123	69	70	137
ENGINEERING PSYCHOLOGY	573	17	54	120	140	140	50	17	11	3	2	19
GENERAL PSYCHOLOGY	189	6	24	39	23	29	11	10	14	5	8	20
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,574	21	153	252	280	343	193	103	88	32	42	67
PERSONALITY	370	11	65	77	63	50	33	23	19	9	9	11
SCHOOL PSYCHOLOGY	2,138	45	214	467	467	377	180	108	68	40	38	134
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	2,421	148	577	685	380	266	113	66	32	20	16	118
PSYCHOMETRICS	581	13	107	135	106	81	48	29	14	19	3	26
SOCIAL PSYCHOLOGY	1,272	70	263	246	193	136	99	46	38	12	10	159
PSYCHOLOGY, OTHER	2,134	70	303	376	318	264	165	96	81	50	70	341
STATISTICS	3,148	46	467	752	478	444	307	217	153	75	48	161
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,793	71	338	364	225	207	179	80	71	38	57	163
ECONOMIC GROWTH AND DEVELOPMENT	1,076	25	187	193	144	141	108	69	52	25	21	111
ECONOMIC STATISTICS	509	20	123	120	63	45	38	25	17	7	6	45
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,048	29	173	213	138	127	120	50	56	24	28	90
INTERNATIONAL ECONOMICS	508	14	75	90	71	53	54	47	33	14	11	46
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	1,930	30	196	325	307	283	262	121	106	46	54	200
INDUSTRIAL ORGANIZATION	664	10	85	112	88	99	76	53	44	13	24	60
AGRICULTURE - NATURAL RESOURCES	1,395	32	174	265	211	193	132	82	90	46	25	145
MANPOWER - LABOR - POPULATION	676	13	77	115	73	92	74	52	64	17	20	79
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	640	11	117	139	82	77	70	37	27	14	14	52
ECONOMICS, OTHER	1,295	28	196	208	155	142	104	70	54	36	53	249
SOCIO-CULTURAL THEORY	729	42	140	128	86	60	51	24	17	16	10	155
METHODOLOGY	580	47	138	109	69	40	25	11	11	6	3	121
DEMOGRAPHY AND POPULATION	320	15	66	52	30	30	21	9	11	4	10	72
RURAL-URBAN SOCIOLOGY	516	21	54	89	57	48	32	22	21	9	8	115
SOCIAL CHANGE AND DEVELOPMENT	369	15	60	67	44	50	29	9	12	7	1	75
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	2,059	106	393	338	198	207	140	64	54	34	33	492
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	787	43	154	150	85	74	33	30	26	10	10	172
SOCIOLOGY, OTHER	754	33	106	70	46	34	29	12	19	11	11	383
POLITICAL THEORY	381	32	91	67	42	30	37	12	9	2	7	52
METHODOLOGY	117	14	41	28	12	5	2	3	2	------	2	8
PUBLIC POLICY	409	26	73	79	48	37	26	37	17	6	4	56
PUBLIC ADMINISTRATION	552	26	81	73	69	63	49	42	46	18	13	72
POLITICAL STABILITY, INSTABILITY AND CHANGE	122	14	40	25	12	6	4	2	4	------	------	15
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	931	88	265	198	109	83	43	14	25	3	7	96
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	1,448	113	269	300	166	126	110	51	50	35	35	193
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	809	57	189	127	83	72	55	41	44	25	17	99
POLITICAL SCIENCE, OTHER	311	17	52	46	28	35	19	14	13	8	13	66

APPENDIX TABLE A-52. NUMBER OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ARCHEOLOGY/PREHISTORY - -	275	2	45	57	38	25	19	15	15	8	7	44
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS - - - - - -	34	2	5	9	7	3	------	2	1	1	1	3
BIOLOGICAL/PHYSICAL ANTHROPOLOGY - - - - -	86	5	17	14	13	9	6	2	5	1	4	10
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	770	12	82	159	121	94	55	28	33	15	13	158
ANTHROPOLOGY, OTHER - - -	95	1	14	9	9	13	9	------	3	3	3	31
APPLICATIONS TO LANGUAGE TEACHING - - - - - - -	422	3	49	79	75	61	41	21	17	14	6	56
DESCRIPTIVE LINGUISTICS -	326	13	52	69	48	36	23	8	9	8	12	48
GENERAL LINGUISTICS - - -	86	7	14	25	10	4	4	3	1	1	1	16
HISTORICAL AND COMPARATIVE LINGUISTICS	211	2	28	34	26	21	11	9	18	13	9	40
LANGUAGE IN RELATION TO OTHER FIELDS - - - - -	125	7	24	20	23	9	9	3	3	4	2	21
LANGUAGE POLICIES - - - -	6	------	------	1	2	1	1	------	------	------	------	1
LITERACY AND WRITING SYSTEMS - - - - - - - -	6	------	2	2	2	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS -	30	1	2	7	6	2	3	------	1	------	------	8
PHONETICS - - - - - - - -	31	------	4	4	6	7	------	2	------	3	1	4
LINGUISTICS, OTHER - - -	301	12	34	40	40	34	9	15	15	9	8	85
OTHER SPECIALTIES - - - -	6,567	232	701	1,021	898	965	587	529	377	191	143	923

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-53. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL SUBFIELDS	13,200	15,000	20,000	12,000	12,000	14,000	12,400
ANALYTICAL CHEMISTRY	12,000	15,000	-------	12,100	10,900	-------	10,600
INORGANIC CHEMISTRY	13,400	14,900	-------	12,400	12,000	-------	-------
ORGANIC CHEMISTRY	14,200	16,000	-------	13,700	12,400	14,000	13,000
RELATED CHEMICAL SPECIALTIES	14,000	17,600	-------	14,400	12,500	-------	12,000
AGRICULTURAL CHEMISTRY	13,400	16,200	-------	12,000	12,000	-------	-------
FOOD SCIENCE AND TECHNOLOGY	14,000	16,400	-------	13,900	12,500	-------	13,000
BIOCHEMISTRY	13,000	14,000	17,000	10,000	8,500	-------	9,000
PHYSICAL CHEMISTRY	14,500	15,400	-------	12,800	11,900	-------	13,000
CHEMISTRY, OTHER	13,000	15,000	-------	12,000	12,200	-------	12,500
GEOCHEMISTRY	13,000	14,000	-------	11,600	11,100	-------	-------
GEODESY	13,800	-------	-------	13,300	12,800	-------	-------
GEOLOGY	13,000	13,600	-------	12,500	13,000	-------	12,600
PALEONTOLOGY	12,000	12,500	-------	11,200	11,500	-------	-------
SOLID-EARTH GEOPHYSICS	13,600	15,400	-------	12,600	13,400	-------	12,500
GEOGRAPHY	10,700	13,500	-------	9,500	9,400	-------	-------
HYDROLOGY	13,400	14,000	-------	12,600	13,400	-------	-------
OCEANOGRAPHY	13,400	15,200	-------	13,000	12,600	-------	-------
EARTH SCIENCE, OTHER	11,700	17,300	-------	11,000	10,100	-------	-------
MARINE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------
ATMOSPHERIC STRUCTURE AND DYNAMICS	14,800	16,300	-------	13,200	13,700	-------	-------
CLIMATOLOGY	13,400	14,400	-------	13,000	13,400	-------	-------
WEATHER ANALYSIS AND FORECASTING	12,900	-------	-------	13,600	12,900	-------	11,700
METEOROLOGICAL AREA SPECIALIZATIONS	13,500	17,100	-------	14,400	13,000	-------	12,000
INSTRUMENTATION	15,000	-------	-------	15,000	14,900	-------	-------
SOLAR/PLANETARY SPECIALTIES	15,000	16,400	-------	14,000	13,400	-------	-------
ATMOSPHERIC SCIENCE, OTHER	14,700	20,000	-------	15,000	12,400	-------	-------
SPACE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------
ACOUSTICS	15,000	17,000	-------	15,000	13,800	-------	-------
ATOMIC AND MOLECULAR PHYSICS	13,600	14,400	-------	12,000	12,000	-------	-------
ELECTROMAGNETISM	15,300	17,800	-------	14,000	13,000	-------	-------
ELEMENTARY PARTICLES	12,000	12,100	-------	11,400	10,200	-------	-------
MECHANICS	14,900	17,200	-------	14,000	13,300	-------	-------
NUCLEAR PHYSICS	14,800	15,400	-------	13,800	13,000	-------	-------
OPTICS	15,000	17,600	-------	14,500	13,500	-------	14,200
PHYSICS OF FLUIDS	15,600	16,000	-------	15,100	13,000	-------	-------
SOLID STATE PHYSICS	15,100	16,200	-------	13,400	13,000	-------	-------
THERMAL PHYSICS	13,400	14,000	-------	13,500	11,100	-------	-------
PHYSICS, OTHER	11,000	14,000	-------	10,000	9,500	-------	-------
ASTRONOMY	13,400	14,000	-------	12,500	12,000	-------	-------
ELECTRONICS	15,700	20,000	-------	15,000	13,000	-------	-------
ALGEBRA	10,400	12,000	-------	9,000	7,600	-------	-------
ANALYSIS AND FUNCTIONAL ANALYSIS	11,100	12,500	-------	9,100	11,700	-------	-------
GEOMETRY	10,300	12,300	-------	9,000	7,300	-------	-------
LOGIC	11,000	12,000	-------	9,000	-------	-------	-------
OPERATIONS RESEARCH	17,000	19,300	-------	16,600	16,000	-------	-------
NUMBER THEORY	11,200	12,500	-------	8,500	-------	-------	-------
NUMERICAL ANALYSIS	14,100	16,600	-------	12,600	12,600	-------	-------
TOPOLOGY	11,200	12,000	-------	8,600	-------	-------	-------
PROBABILITY	14,000	14,100	-------	13,400	13,700	-------	-------
MATHEMATICS, OTHER	11,000	14,400	-------	9,700	14,000	-------	14,500
COMPUTING THEORY	13,800	17,000	-------	12,000	13,100	-------	-------
COMPUTER NUMERICAL PROCESSING	13,300	18,000	-------	12,800	13,000	-------	-------
COMPUTER NON-NUMERICAL PROCESSING	14,700	18,000	-------	14,200	14,000	-------	13,800
BUSINESS DATA PROCESSING	15,000	18,000	-------	15,500	14,500	-------	14,800
COMPUTER HARDWARE DESIGN	17,000	17,500	-------	18,000	16,000	-------	-------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	14,500	18,700	-------	14,800	14,400	-------	13,500
COMPUTER SCIENCE, OTHER	14,300	19,200	-------	14,000	13,000	-------	-------
AGRONOMY	12,800	14,400	-------	11,400	11,200	-------	-------
ANIMAL HUSBANDRY	13,000	14,200	-------	11,200	11,000	-------	-------
FISH AND WILDLIFE	10,300	14,000	-------	10,100	9,700	-------	-------
FORESTRY	10,300	14,600	-------	11,000	10,000	-------	9,100
RANGE MANAGEMENT	10,600	14,000	-------	10,600	10,200	-------	-------
HORTICULTURE	13,000	14,200	-------	11,400	10,700	-------	-------
SOIL SCIENCE	12,600	14,700	-------	11,300	10,600	-------	-------
AGRICULTURAL SCIENCES, OTHER	13,900	16,100	-------	11,600	11,500	-------	-------
ANATOMY	14,500	15,000	17,700	8,400	-------	-------	-------
BOTANY	11,000	12,000	-------	8,800	7,800	-------	-------
ECOLOGY	11,300	12,500	-------	9,800	9,000	-------	-------
ENTOMOLOGY	12,500	13,500	-------	11,300	11,000	-------	-------
GENETICS	13,000	13,400	18,400	10,000	8,600	-------	-------
IMMUNOLOGY	15,000	15,000	17,000	9,400	8,500	-------	-------
MICROBIOLOGY	12,600	14,800	19,000	10,500	9,700	-------	-------
NUTRITION	14,700	15,000	22,400	11,400	10,700	-------	-------
PATHOLOGY	20,000	18,000	21,000	10,000	9,500	-------	-------
PHARMACOLOGY	16,500	16,600	21,000	11,600	10,000	-------	-------
PHYSIOLOGY	14,900	14,000	20,000	9,100	7,600	-------	-------
PLANT PATHOLOGY	13,000	13,800	-------	10,200	10,500	-------	-------
VIROLOGY	14,200	15,100	18,000	9,200	9,100	-------	-------
ZOOLOGY	11,000	12,200	-------	8,700	7,600	-------	-------
BIOPHYSICS	14,700	15,000	19,000	11,000	13,000	-------	-------
BIOLOGY, OTHER	12,500	15,500	21,500	9,600	8,100	-------	12,000

APPENDIX TABLE A-53. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND HIGHEST DEGREE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
CLINICAL PSYCHOLOGY	13,500	14,900	-------	10,500	10,500	-------	-------
COUNSELING PSYCHOLOGY	12,800	13,600	-------	11,000	-------	-------	-------
DEVELOPMENTAL PSYCHOLOGY	12,400	13,000	-------	10,000	-------	-------	-------
EDUCATIONAL PSYCHOLOGY	13,800	15,000	-------	12,000	-------	-------	-------
ENGINEERING PSYCHOLOGY	16,900	19,200	-------	15,000	-------	-------	-------
GENERAL PSYCHOLOGY	12,000	13,000	-------	9,200	-------	-------	-------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	17,000	18,000	-------	15,000	-------	-------	-------
PERSONALITY	13,100	13,500	-------	10,200	-------	-------	-------
SCHOOL PSYCHOLOGY	12,000	14,000	-------	11,700	-------	-------	-------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	12,500	13,000	-------	9,500	-------	-------	-------
PSYCHOMETRICS	14,000	14,900	-------	12,000	-------	-------	-------
SOCIAL PSYCHOLOGY	12,500	13,500	-------	10,000	8,900	-------	-------
PSYCHOLOGY, OTHER	12,000	13,500	19,700	9,800	9,200	-------	-------
STATISTICS	14,500	15,500	-------	14,000	14,000	-------	14,000
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	12,200	14,000	-------	10,000	10,300	-------	-------
ECONOMIC GROWTH AND DEVELOPMENT	16,000	16,500	-------	14,700	12,900	-------	-------
ECONOMIC STATISTICS	14,000	14,600	-------	11,600	13,900	-------	-------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	15,000	16,400	-------	12,500	14,500	-------	-------
INTERNATIONAL ECONOMICS	16,200	16,200	-------	15,600	18,000	-------	-------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	15,000	16,000	-------	13,500	15,000	-------	-------
INDUSTRIAL ORGANIZATION	16,500	17,000	-------	16,400	15,800	-------	-------
AGRICULTURE - NATURAL RESOURCES	15,000	16,000	-------	13,200	14,500	-------	-------
MANPOWER - LABOR - POPULATION	15,500	16,000	-------	14,100	15,800	-------	-------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	15,000	16,000	-------	13,700	14,400	-------	-------
ECONOMICS, OTHER	13,500	16,000	-------	11,500	13,500	-------	-------
SOCIO-CULTURAL THEORY	10,500	12,200	-------	8,500	-------	-------	-------
METHODOLOGY	12,100	13,300	-------	10,500	10,800	-------	-------
DEMOGRAPHY AND POPULATION	13,000	14,800	-------	9,500	10,100	-------	-------
RURAL-URBAN SOCIOLOGY	12,700	14,000	-------	9,500	-------	-------	-------
SOCIAL CHANGE AND DEVELOPMENT	13,700	15,800	-------	10,000	-------	-------	-------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	12,100	13,500	-------	9,100	8,600	-------	-------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	11,400	13,600	-------	9,600	8,000	-------	-------
SOCIOLOGY, OTHER	11,500	14,900	-------	9,000	10,000	-------	-------
POLITICAL THEORY	11,200	12,500	-------	9,000	-------	-------	-------
METHODOLOGY	12,000	12,700	-------	10,000	-------	-------	-------
PUBLIC POLICY	14,800	15,400	-------	11,200	-------	-------	-------
PUBLIC ADMINISTRATION	16,000	18,000	-------	13,000	-------	-------	-------
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,000	12,000	-------	-------	-------	-------	-------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	11,000	12,000	-------	9,200	-------	-------	-------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	11,600	13,000	-------	9,200	12,500	-------	-------
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	11,300	12,200	-------	9,200	-------	-------	-------
POLITICAL SCIENCE, OTHER	12,500	14,300	-------	10,400	-------	-------	-------
ARCHEOLOGY/PREHISTORY	12,000	12,000	-------	-------	-------	-------	-------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	11,500	12,000	-------	-------	-------	-------	-------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	13,000	12,000	-------	-------	-------	-------	-------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	13,000	13,000	-------	-------	-------	-------	-------
ANTHROPOLOGY, OTHER	12,000	15,000	-------	-------	-------	-------	-------
APPLICATIONS TO LANGUAGE TEACHING	11,000	12,000	-------	9,200	-------	-------	-------
DESCRIPTIVE LINGUISTICS	11,000	11,500	-------	8,500	-------	-------	-------
GENERAL LINGUISTICS	10,500	11,200	-------	-------	-------	-------	-------
HISTORICAL AND COMPARATIVE LINGUISTICS	12,500	13,000	-------	-------	-------	-------	-------
LANGUAGE IN RELATION TO OTHER FIELDS	12,000	13,500	-------	-------	-------	-------	-------
LANGUAGE POLICIES	-------	-------	-------	-------	-------	-------	-------
LITERACY AND WRITING SYSTEMS	-------	-------	-------	-------	-------	-------	-------
MECHANIZED APPLICATIONS	-------	-------	-------	-------	-------	-------	-------
PHONETICS	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS, OTHER	10,700	12,500	-------	9,000	-------	-------	-------
OTHER SPECIALTIES	15,000	19,000	17,000	14,000	13,400	-------	13,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-54A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL SUBFIELDS	13,200	11,000	13,500	13,500	11,200	14,700	14,700	18,000	12,600	14,000
ANALYTICAL CHEMISTRY	12,000	10,600	11,000	12,300	10,000	12,000	12,000	15,000	11,100	12,600
INORGANIC CHEMISTRY	13,400	10,300	9,000	14,400	------	16,000	14,900	------	------	------
ORGANIC CHEMISTRY	14,200	11,000	7,500	14,000	10,500	13,200	14,600	18,000	11,500	14,500
RELATED CHEMICAL SPECIALTIES	14,000	14,000	15,000	13,800	11,000	16,800	14,000	17,000	13,000	------
AGRICULTURAL CHEMISTRY	13,400	------	11,700	14,000	10,000	------	13,800	------	------	------
FOOD SCIENCE AND TECHNOLOGY	14,000	11,700	14,800	14,000	10,400	14,100	14,000	------	------	------
BIOCHEMISTRY	13,000	11,600	13,000	13,900	11,800	12,000	15,000	15,000	7,800	14,000
PHYSICAL CHEMISTRY	14,500	11,100	10,700	14,800	12,000	15,600	15,500	------	14,200	------
CHEMISTRY, OTHER	13,000	10,000	12,000	14,300	11,200	13,400	14,500	17,500	12,100	14,200
GEOCHEMISTRY	13,000	11,000	11,800	14,000	------	------	15,000	------	------	------
GEODESY	13,800	------	------	13,400	------	------	------	------	------	------
GEOLOGY	13,000	10,900	12,000	13,000	11,200	12,000	13,400	15,000	15,000	------
PALEONTOLOGY	12,000	10,800	11,400	14,800	------	------	12,700	------	------	------
SOLID-EARTH GEOPHYSICS	13,600	12,500	13,200	13,500	------	15,600	13,700	17,500	------	------
GEOGRAPHY	10,700	10,100	11,700	12,000	9,800	12,300	11,500	------	------	------
HYDROLOGY	13,400	12,000	15,500	13,400	11,600	------	13,800	------	------	------
OCEANOGRAPHY	13,400	12,500	13,500	13,400	------	------	16,100	------	------	------
EARTH SCIENCE, OTHER	11,700	8,700	9,800	13,500	11,500	------	16,000	15,600	------	------
MARINE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	14,800	12,900	14,400	14,400	------	16,300	15,700	------	------	------
CLIMATOLOGY	13,400	12,000	------	13,400	------	------	------	------	------	------
WEATHER ANALYSIS AND FORECASTING	12,900	------	------	13,000	------	------	12,500	------	------	------
METEOROLOGICAL AREA SPECIALIZATIONS	13,500	------	12,700	13,500	10,400	13,000	14,000	------	------	------
INSTRUMENTATION	15,000	------	------	15,300	------	------	15,000	------	------	------
SOLAR/PLANETARY SPECIALTIES	15,000	12,500	12,300	15,100	------	16,000	16,600	------	------	------
ATMOSPHERIC SCIENCE, OTHER	14,700	------	------	14,700	------	------	15,500	------	------	------
SPACE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------
ACOUSTICS	15,000	13,000	13,800	14,400	------	15,000	16,000	------	------	------
ATOMIC AND MOLECULAR PHYSICS	13,600	12,000	10,700	15,000	------	17,000	16,000	------	------	------
ELECTROMAGNETISM	15,300	12,500	14,100	14,000	------	18,200	16,200	------	------	------
ELEMENTARY PARTICLES	12,000	11,900	11,100	14,900	------	------	------	------	------	------
MECHANICS	14,900	12,600	13,000	14,500	------	------	15,500	------	------	------
NUCLEAR PHYSICS	14,800	12,000	12,000	16,000	------	15,500	16,000	------	------	------
OPTICS	15,000	12,000	13,000	13,500	------	16,500	16,000	------	------	------
PHYSICS OF FLUIDS	15,600	13,500	14,700	15,000	------	18,000	17,400	------	------	------
SOLID STATE PHYSICS	15,100	12,400	12,000	14,400	------	15,600	16,600	------	------	------
THERMAL PHYSICS	13,400	11,800	11,000	14,400	------	------	14,800	------	------	------
PHYSICS, OTHER	11,000	10,000	11,500	14,900	11,400	17,000	16,000	------	------	------
ASTRONOMY	13,400	11,500	12,000	14,000	------	15,000	16,400	------	------	------
ELECTRONICS	15,700	12,000	14,000	14,000	------	17,000	16,500	------	------	------
ALGEBRA	10,400	10,100	10,700	12,200	------	------	15,300	------	------	------
ANALYSIS AND FUNCTIONAL ANALYSIS	11,100	10,600	12,000	15,300	------	------	16,200	------	------	------
GEOMETRY	10,300	10,300	10,100	------	------	------	------	------	------	------
LOGIC	11,000	10,700	12,000	------	------	------	------	------	------	------
OPERATIONS RESEARCH	17,000	12,500	17,000	16,900	14,000	19,300	17,000	------	14,500	------
NUMBER THEORY	11,200	11,000	12,000	------	------	------	------	------	------	------
NUMERICAL ANALYSIS	14,100	11,900	15,000	14,000	------	------	15,600	------	------	------
TOPOLOGY	11,200	11,000	12,000	------	------	------	------	------	------	------
PROBABILITY	14,000	12,000	12,800	14,400	------	------	16,400	------	------	------
MATHEMATICS, OTHER	11,000	9,000	10,300	15,000	12,100	17,000	18,000	25,000	10,300	12,400
COMPUTING THEORY	13,800	11,000	14,500	13,500	------	------	15,600	------	------	------
COMPUTER NUMERICAL PROCESSING	13,300	12,700	12,800	13,000	------	15,000	13,500	------	------	------
COMPUTER NON-NUMERICAL PROCESSING	14,700	13,000	13,000	14,000	------	15,400	15,000	------	------	------
BUSINESS DATA PROCESSING	15,000	12,700	13,500	15,300	13,000	16,200	15,000	18,500	15,000	------
COMPUTER HARDWARE DESIGN	17,000	------	------	------	------	------	18,000	------	------	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	14,500	11,800	12,000	13,800	13,500	15,000	14,800	20,000	13,800	------
COMPUTER SCIENCE, OTHER	14,300	12,000	13,500	14,400	11,500	17,300	14,400	------	------	------
AGRONOMY	12,800	------	13,000	13,000	11,000	15,000	12,600	------	------	------
ANIMAL HUSBANDRY	13,000	10,000	13,200	14,000	------	------	13,500	------	------	------
FISH AND WILDLIFE	10,300	10,800	12,400	11,500	9,300	12,000	10,500	------	------	------
FORESTRY	10,300	10,200	12,500	10,600	9,300	11,200	10,200	13,000	------	------
RANGE MANAGEMENT	10,600	------	12,000	10,500	10,500	------	------	------	------	------
HORTICULTURE	13,000	10,000	13,800	12,600	10,500	------	12,000	------	------	------
SOIL SCIENCE	12,600	12,900	14,000	11,800	10,500	------	13,500	------	------	------
AGRICULTURAL SCIENCES, OTHER	13,900	------	14,700	13,400	10,900	16,500	14,500	------	------	------
ANATOMY	14,500	11,500	15,600	------	------	15,500	------	------	------	------
BOTANY	11,000	10,700	12,500	13,000	9,800	12,300	------	------	------	------
ECOLOGY	11,300	10,700	12,000	12,100	10,300	12,000	13,000	------	------	------
ENTOMOLOGY	12,500	11,600	13,200	12,200	11,000	13,200	14,000	------	------	------
GENETICS	13,000	11,200	14,300	13,800	13,500	13,000	13,000	------	------	------
IMMUNOLOGY	15,000	12,000	15,000	14,400	12,800	14,000	16,000	------	------	------
MICROBIOLOGY	12,600	11,000	14,000	13,300	10,800	11,500	13,700	------	------	14,000
NUTRITION	14,700	12,000	14,800	14,700	------	14,500	15,000	------	------	------
PATHOLOGY	20,000	------	19,500	20,000	18,000	24,000	17,700	30,000	------	20,000
PHARMACOLOGY	16,500	12,800	16,000	16,700	16,200	20,000	18,000	------	------	------
PHYSIOLOGY	14,900	11,000	16,000	16,000	16,000	17,000	16,000	------	------	17,000
PLANT PATHOLOGY	13,000	11,000	14,000	12,600	12,000	------	13,400	------	------	------
VIROLOGY	14,200	13,000	15,000	14,400	13,400	15,100	14,500	------	------	------
ZOOLOGY	11,000	10,600	12,300	13,000	9,400	12,000	14,700	------	------	------
BIOPHYSICS	14,700	12,000	14,200	15,500	------	15,000	17,000	------	------	------
BIOLOGY, OTHER	12,500	9,400	16,000	16,400	14,000	15,600	16,500	24,500	11,000	18,300

APPENDIX TABLE A-54A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
CLINICAL PSYCHOLOGY	13,500	12,000	13,600	15,000	12,600	12,800	14,000	21,600	13,500	15,000
COUNSELING PSYCHOLOGY	12,800	11,800	13,000	14,900	11,500	12,000	14,500	15,400	-------	-------
DEVELOPMENTAL PSYCHOLOGY	12,400	11,000	13,600	-------	12,000	12,500	-------	-------	-------	-------
EDUCATIONAL PSYCHOLOGY	13,800	12,000	15,000	16,000	14,000	17,000	18,000	-------	15,500	-------
ENGINEERING PSYCHOLOGY	16,900	12,500	-------	16,400	-------	18,400	17,400	-------	-------	-------
GENERAL PSYCHOLOGY	12,000	11,200	15,600	-------	-------	-------	-------	-------	-------	-------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	17,000	13,000	16,800	16,000	15,000	17,000	18,000	25,000	-------	-------
PERSONALITY	13,100	12,600	15,000	-------	-------	-------	-------	-------	-------	-------
SCHOOL PSYCHOLOGY	12,000	11,500	13,100	-------	12,000	13,200	-------	-------	-------	-------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	12,500	11,200	14,000	15,300	14,000	14,100	16,000	-------	-------	-------
PSYCHOMETRICS	14,000	12,000	14,000	15,000	-------	15,700	17,000	-------	-------	-------
SOCIAL PSYCHOLOGY	12,500	11,300	14,400	17,200	14,000	16,000	16,300	-------	-------	-------
PSYCHOLOGY, OTHER	12,000	10,500	13,200	17,600	13,700	15,000	18,000	20,000	-------	-------
STATISTICS	14,500	12,000	15,000	15,800	12,500	15,000	15,000	-------	14,300	-------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	12,200	11,700	14,300	16,300	-------	-------	16,800	-------	-------	-------
ECONOMIC GROWTH AND DEVELOPMENT	16,000	12,500	16,000	17,200	18,000	20,000	18,000	-------	-------	-------
ECONOMIC STATISTICS	14,000	11,500	15,000	18,400	-------	16,200	15,100	-------	-------	-------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	15,000	13,000	16,000	19,100	17,500	18,000	17,000	-------	-------	-------
INTERNATIONAL ECONOMICS	16,200	12,600	15,000	20,000	19,200	-------	19,400	-------	-------	-------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	15,000	13,100	17,200	16,400	-------	18,000	17,900	-------	-------	-------
INDUSTRIAL ORGANIZATION	16,500	13,500	16,500	18,000	13,900	20,000	21,000	-------	-------	-------
AGRICULTURE - NATURAL RESOURCES	15,000	12,500	15,000	15,300	14,500	19,600	16,000	-------	-------	-------
MANPOWER - LABOR - POPULATION	15,500	13,500	18,000	16,400	14,400	16,800	18,400	-------	-------	-------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	15,000	12,500	16,000	16,400	13,900	16,500	17,000	-------	-------	-------
ECONOMICS, OTHER	13,500	11,000	16,000	16,000	13,000	18,000	15,500	-------	-------	-------
SOCIO-CULTURAL THEORY	10,500	10,200	12,000	-------	-------	-------	-------	-------	-------	-------
METHODOLOGY	12,100	11,000	12,600	14,000	-------	13,300	16,000	-------	-------	-------
DEMOGRAPHY AND POPULATION	13,000	11,300	13,000	16,900	-------	-------	-------	-------	-------	-------
RURAL-URBAN SOCIOLOGY	12,700	11,100	15,300	-------	-------	-------	-------	-------	-------	-------
SOCIAL CHANGE AND DEVELOPMENT	13,700	12,500	15,000	-------	-------	-------	-------	-------	-------	-------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	12,100	11,400	14,000	16,000	12,000	14,500	-------	-------	-------	-------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	11,400	10,500	13,000	14,000	11,300	12,400	-------	-------	-------	-------
SOCIOLOGY, OTHER	11,500	10,500	11,400	13,500	-------	-------	-------	-------	-------	-------
POLITICAL THEORY	11,200	11,000	11,500	-------	-------	-------	-------	-------	-------	-------
METHODOLOGY	12,000	10,800	-------	-------	-------	-------	-------	-------	-------	-------
PUBLIC POLICY	14,800	11,800	14,000	18,000	-------	18,000	-------	-------	-------	-------
PUBLIC ADMINISTRATION	16,000	12,100	18,400	18,000	16,700	16,000	-------	-------	-------	-------
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,000	11,000	12,000	-------	-------	-------	-------	-------	-------	-------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	11,000	10,600	12,000	13,500	-------	-------	-------	-------	-------	-------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	11,600	10,700	13,500	18,400	14,500	18,000	-------	-------	-------	-------
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	11,300	10,500	13,500	16,400	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE, OTHER	12,500	10,400	12,600	15,800	-------	-------	-------	-------	-------	-------
ARCHEOLOGY/PREHISTORY	12,000	11,400	13,800	-------	-------	-------	-------	-------	12,000	-------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	11,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	13,000	11,000	-------	-------	-------	-------	-------	-------	-------	-------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	13,000	12,500	13,100	-------	-------	-------	-------	-------	12,300	-------
ANTHROPOLOGY, OTHER	12,000	10,200	-------	-------	-------	-------	-------	-------	-------	-------
APPLICATIONS TO LANGUAGE TEACHING	11,000	10,800	12,100	12,600	-------	-------	-------	-------	-------	-------
DESCRIPTIVE LINGUISTICS	11,000	11,000	11,000	-------	-------	-------	-------	-------	-------	-------
GENERAL LINGUISTICS	10,500	10,200	-------	-------	-------	-------	-------	-------	-------	-------
HISTORICAL AND COMPARATIVE LINGUISTICS	12,500	12,200	13,400	-------	-------	-------	-------	-------	-------	-------
LANGUAGE IN RELATION TO OTHER FIELDS	12,000	12,000	-------	-------	-------	-------	-------	-------	-------	-------
LANGUAGE POLICIES	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LITERACY AND WRITING SYSTEMS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MECHANIZED APPLICATIONS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHONETICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS, OTHER	10,700	11,000	12,100	-------	-------	6,300	-------	-------	-------	-------
OTHER SPECIALTIES	15,000	11,000	15,000	15,800	11,600	16,000	16,000	18,000	13,900	12,200

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-54B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL SUBFIELDS	15,000	12,000	14,800	15,800	14,500	16,000	17,500	21,600	15,000	15,700
ANALYTICAL CHEMISTRY	15,000	11,100	14,000	15,000	12,600	16,000	16,000	-------	-------	-------
INORGANIC CHEMISTRY	14,900	10,700	12,000	17,500	-------	-------	16,900	-------	-------	-------
ORGANIC CHEMISTRY	16,000	11,300	11,300	15,300	-------	15,000	16,800	20,000	-------	-------
RELATED CHEMICAL SPECIALTIES	17,600	14,700	18,000	17,000	-------	18,000	18,000	-------	-------	-------
AGRICULTURAL CHEMISTRY	16,200	-------	13,900	15,000	-------	-------	17,000	-------	-------	-------
FOOD SCIENCE AND TECHNOLOGY	16,400	12,000	15,000	16,400	-------	-------	17,600	-------	-------	-------
BIOCHEMISTRY	14,000	12,000	13,500	15,000	14,000	14,000	16,500	-------	-------	14,600
PHYSICAL CHEMISTRY	15,400	11,500	13,000	16,200	-------	16,400	16,700	-------	-------	-------
CHEMISTRY, OTHER	15,000	11,600	16,000	18,000	-------	16,000	18,000	20,000	15,000	-------
GEOCHEMISTRY	14,000	11,500	13,000	14,900	-------	-------	16,500	-------	-------	-------
GEODESY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
GEOLOGY	13,600	11,800	14,000	15,000	12,700	-------	16,000	22,000	-------	-------
PALEONTOLOGY	12,500	11,300	12,300	15,000	-------	-------	13,800	-------	-------	-------
SOLID-EARTH GEOPHYSICS	15,400	12,500	14,000	15,000	-------	-------	17,400	-------	-------	-------
GEOGRAPHY	13,500	12,500	15,800	17,000	-------	-------	-------	-------	-------	-------
HYDROLOGY	14,000	12,000	15,000	14,000	-------	-------	-------	-------	-------	-------
OCEANOGRAPHY	15,200	13,000	15,000	16,400	-------	-------	-------	-------	-------	-------
EARTH SCIENCE, OTHER	17,300	-------	-------	18,000	-------	-------	20,000	-------	-------	-------
MARINE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ATMOSPHERIC STRUCTURE AND DYNAMICS	16,300	13,600	15,500	17,500	-------	18,600	20,000	-------	-------	-------
CLIMATOLOGY	14,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
WEATHER ANALYSIS AND FORECASTING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
METEOROLOGICAL AREA SPECIALIZATIONS	17,100	-------	16,000	19,000	-------	-------	-------	-------	-------	-------
INSTRUMENTATION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOLAR/PLANETARY SPECIALTIES	16,400	13,000	13,000	17,400	-------	-------	20,000	-------	-------	-------
ATMOSPHERIC SCIENCE, OTHER	20,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
SPACE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ACOUSTICS	17,000	13,200	14,700	18,000	-------	-------	19,000	-------	-------	-------
ATOMIC AND MOLECULAR PHYSICS	14,400	12,000	11,000	16,900	-------	-------	17,200	-------	-------	-------
ELECTROMAGNETISM	17,800	13,000	16,300	16,000	-------	21,000	19,400	-------	-------	-------
ELEMENTARY PARTICLES	12,100	12,000	11,500	14,900	-------	-------	-------	-------	-------	-------
MECHANICS	17,200	15,000	-------	-------	-------	-------	18,000	-------	-------	-------
NUCLEAR PHYSICS	15,400	12,300	12,400	17,500	-------	17,600	18,500	-------	-------	-------
OPTICS	17,600	13,000	15,000	17,200	-------	18,800	19,000	-------	-------	-------
PHYSICS OF FLUIDS	16,000	13,500	15,000	15,800	-------	19,400	18,700	-------	-------	-------
SOLID STATE PHYSICS	16,200	12,600	13,000	15,800	-------	17,400	18,000	-------	-------	-------
THERMAL PHYSICS	14,000	12,000	12,500	-------	-------	-------	18,400	-------	-------	-------
PHYSICS, OTHER	14,000	12,000	14,500	19,000	-------	18,600	19,500	-------	-------	-------
ASTRONOMY	14,000	12,000	12,500	15,500	-------	15,000	18,600	-------	-------	-------
ELECTRONICS	20,000	14,200	17,000	-------	-------	-------	21,200	-------	-------	-------
ALGEBRA	12,000	11,900	14,000	-------	-------	-------	-------	-------	-------	-------
ANALYSIS AND FUNCTIONAL ANALYSIS	12,500	12,000	14,000	19,800	-------	-------	20,000	-------	-------	-------
GEOMETRY	12,300	12,000	13,700	-------	-------	-------	-------	-------	-------	-------
LOGIC	12,000	11,500	-------	-------	-------	-------	-------	-------	-------	-------
OPERATIONS RESEARCH	19,300	13,000	18,700	22,000	-------	22,300	20,000	-------	-------	-------
NUMBER THEORY	12,500	12,500	-------	-------	-------	-------	-------	-------	-------	-------
NUMERICAL ANALYSIS	16,600	13,500	18,000	-------	-------	-------	18,500	-------	-------	-------
TOPOLOGY	12,000	11,500	13,000	-------	-------	-------	-------	-------	-------	-------
PROBABILITY	14,100	13,000	13,000	-------	-------	-------	18,900	-------	-------	-------
MATHEMATICS, OTHER	14,400	12,500	15,200	18,000	-------	17,000	19,000	-------	-------	-------
COMPUTING THEORY	17,000	12,500	17,800	-------	-------	-------	18,000	-------	-------	-------
COMPUTER NUMERICAL PROCESSING	18,000	14,000	19,200	-------	-------	-------	19,600	-------	-------	-------
COMPUTER NON-NUMERICAL PROCESSING	18,000	14,000	17,000	-------	-------	-------	20,000	-------	-------	-------
BUSINESS DATA PROCESSING	18,000	-------	-------	-------	-------	-------	21,000	-------	-------	-------
COMPUTER HARDWARE DESIGN	17,500	-------	-------	-------	-------	-------	19,700	-------	-------	-------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	18,700	-------	16,000	-------	-------	-------	19,500	-------	-------	-------
COMPUTER SCIENCE, OTHER	19,200	15,000	17,500	21,700	-------	22,000	20,500	-------	-------	-------
AGRONOMY	14,400	-------	14,200	14,900	-------	-------	[illegible]00	-------	-------	-------
ANIMAL HUSBANDRY	14,200	-------	14,200	-------	-------	-------	18 [illegible]00	-------	-------	-------
FISH AND WILDLIFE	14,000	12,000	14,000	14,000	14,000	-------	[illegible]	-------	-------	-------
FORESTRY	14,600	-------	14,700	14,900	-------	-------	-------	-------	-------	-------
RANGE MANAGEMENT	14,000	-------	14,000	14,000	-------	-------	-------	-------	-------	-------
HORTICULTURE	14,200	-------	14,500	13,000	-------	-------	15,000	-------	-------	-------
SOIL SCIENCE	14,700	13,000	14,900	14,200	-------	-------	16,200	-------	-------	-------
AGRICULTURAL SCIENCES, OTHER	16,100	-------	16,100	15,300	-------	-------	16,200	-------	-------	-------
ANATOMY	15,000	12,000	16,000	-------	-------	-------	-------	-------	-------	-------
BOTANY	12,000	11,200	14,000	13,500	-------	13,700	-------	-------	-------	-------
ECOLOGY	12,500	11,400	14,000	14,000	-------	13,600	-------	-------	-------	-------
ENTOMOLOGY	13,500	12,000	14,000	13,000	12,800	-------	15,500	-------	-------	-------
GENETICS	13,400	11,500	14,500	14,000	-------	14,100	14,900	-------	-------	-------
IMMUNOLOGY	15,000	12,100	15,000	14,800	-------	14,000	17,000	-------	-------	-------
MICROBIOLOGY	14,800	11,500	14,500	15,600	15,000	15,000	17,300	-------	-------	-------
NUTRITION	15,000	13,000	14,800	14,400	-------	-------	15,100	-------	-------	-------
PATHOLOGY	18,000	-------	18,000	-------	-------	22,000	-------	-------	-------	-------
PHARMACOLOGY	16,600	13,000	15,000	16,600	16,000	19,300	19,200	-------	-------	-------
PHYSIOLOGY	14,000	11,500	15,000	16,000	13,000	15,500	17,000	-------	-------	-------
PLANT PATHOLOGY	13,800	10,500	14,300	13,000	12,500	-------	15,000	-------	-------	-------
VIROLOGY	15,100	13,000	14,500	15,000	-------	15,100	16,700	-------	-------	-------
ZOOLOGY	12,200	11,500	13,800	14,800	-------	12,800	-------	-------	-------	-------
BIOPHYSICS	15,000	12,900	14,200	16,200	-------	15,500	18,300	-------	-------	-------
BIOLOGY, OTHER	15,500	11,500	16,500	18,000	17,000	16,000	19,000	20,000	-------	18,300

APPENDIX TABLE A-54B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
CLINICAL PSYCHOLOGY	14,900	12,300	14,000	15,300	14,100	14,000	15,600	23,000	15,000	15,000
COUNSELING PSYCHOLOGY	13,600	12,000	14,000	15,300	13,400	14,500	-------	17,000	-------	-------
DEVELOPMENTAL PSYCHOLOGY	13,000	11,600	14,000	-------	-------	14,000	-------	-------	-------	-------
EDUCATIONAL PSYCHOLOGY	15,000	12,600	16,000	16,900	15,700	18,000	19,500	-------	-------	-------
ENGINEERING PSYCHOLOGY	19,200	12,500	-------	17,400	-------	19,900	20,000	-------	-------	-------
GENERAL PSYCHOLOGY	13,000	12,000	-------	-------	-------	-------	-------	-------	-------	-------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	18,000	13,500	18,000	18,000	-------	18,000	20,000	25,000	-------	-------
PERSONALITY	13,500	13,000	15,000	-------	-------	-------	-------	-------	-------	-------
SCHOOL PSYCHOLOGY	14,000	13,000	15,400	-------	13,400	-------	-------	-------	-------	-------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	13,000	11,500	14,200	15,300	14,500	15,000	18,000	-------	-------	-------
PSYCHOMETRICS	14,900	12,300	15,300	16,000	-------	17,200	19,000	-------	-------	-------
SOCIAL PSYCHOLOGY	13,500	12,000	15,000	18,000	-------	17,300	-------	-------	-------	-------
PSYCHOLOGY, OTHER	13,500	11,400	15,000	18,000	15,000	17,200	-------	-------	-------	-------
STATISTICS	15,500	13,000	16,000	20,000	-------	18,500	18,300	-------	-------	-------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	14,000	13,000	16,000	-------	-------	-------	-------	-------	-------	-------
ECONOMIC GROWTH AND DEVELOPMENT	16,500	13,000	16,500	19,100	19,000	22,100	24,000	-------	-------	-------
ECONOMIC STATISTICS	14,600	12,500	16,000	-------	-------	-------	-------	-------	-------	-------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	16,400	14,000	17,800	20,000	20,000	20,000	26,500	-------	-------	-------
INTERNATIONAL ECONOMICS	16,200	13,500	16,500	23,800	20,000	-------	-------	-------	-------	-------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	16,000	14,000	18,500	-------	-------	-------	24,000	-------	-------	-------
INDUSTRIAL ORGANIZATION	17,000	14,300	17,500	19,600	-------	-------	25,000	-------	-------	-------
AGRICULTURE - NATURAL RESOURCES	16,000	13,400	15,500	16,400	-------	-------	19,500	-------	-------	-------
MANPOWER - LABOR - POPULATION	16,000	14,100	18,500	-------	-------	-------	-------	-------	-------	-------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	16,000	12,700	16,800	19,000	-------	18,000	-------	-------	-------	-------
ECONOMICS, OTHER	16,000	13,000	17,300	18,800	-------	-------	21,000	-------	-------	-------
SOCIO-CULTURAL THEORY	12,200	12,000	14,000	-------	-------	-------	-------	-------	-------	-------
METHODOLOGY	13,300	12,000	15,000	-------	-------	-------	-------	-------	-------	-------
DEMOGRAPHY AND POPULATION	14,800	13,000	14,000	-------	-------	-------	-------	-------	-------	-------
RURAL-URBAN SOCIOLOGY	14,000	12,900	16,400	-------	-------	-------	-------	-------	-------	-------
SOCIAL CHANGE AND DEVELOPMENT	15,800	13,800	16,500	-------	-------	-------	-------	-------	-------	-------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	13,500	12,500	15,000	-------	-------	16,000	-------	-------	-------	-------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	13,600	12,500	15,000	-------	-------	-------	-------	-------	-------	-------
SOCIOLOGY, OTHER	14,900	12,600	13,500	-------	-------	-------	-------	-------	-------	-------
POLITICAL THEORY	12,500	12,000	13,500	-------	-------	-------	-------	-------	-------	-------
METHODOLOGY	12,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
PUBLIC POLICY	15,400	13,000	15,000	19,300	-------	18,300	-------	-------	-------	-------
PUBLIC ADMINISTRATION	18,000	13,000	19,700	20,000	-------	-------	-------	-------	-------	-------
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,000	12,000	-------	-------	-------	-------	-------	-------	-------	-------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	12,000	11,500	13,000	-------	-------	-------	-------	-------	-------	-------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	13,000	12,300	15,000	-------	-------	-------	-------	-------	-------	-------
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	12,200	11,100	14,100	-------	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE, OTHER	14,300	13,000	-------	-------	-------	-------	-------	-------	-------	-------
ARCHEOLOGY/PREHISTORY	12,000	11,400	14,700	-------	-------	-------	-------	-------	12,000	-------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	12,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	12,000	11,000	-------	-------	-------	-------	-------	-------	-------	-------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	13,000	12,500	13,100	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY, OTHER	15,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLICATIONS TO LANGUAGE TEACHING	12,000	11,800	14,000	-------	-------	-------	-------	-------	-------	-------
DESCRIPTIVE LINGUISTICS	11,500	11,300	11,500	-------	-------	-------	-------	-------	-------	-------
GENERAL LINGUISTICS	11,200	10,700	-------	-------	-------	-------	-------	-------	-------	-------
HISTORICAL AND COMPARATIVE LINGUISTICS	13,000	12,400	13,500	-------	-------	-------	-------	-------	-------	-------
LANGUAGE IN RELATION TO OTHER FIELDS	13,500	13,500	-------	-------	-------	-------	-------	-------	-------	-------
LANGUAGE POLICIES	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LITERACY AND WRITING SYSTEMS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MECHANIZED APPLICATIONS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHONETICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS, OTHER	12,500	11,900	-------	-------	-------	-------	-------	-------	-------	-------
OTHER SPECIALTIES	19,000	13,500	19,000	20,900	18,000	21,000	20,000	-------	-------	-------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-54C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL SUBFIELDS	12,000	9,200	10,400	13,400	11,000	12,700	14,100	16,000	12,000	12,000
ANALYTICAL CHEMISTRY	12,100	8,900	9,300	13,000	11,000	11,300	12,500	-------	-------	-------
INORGANIC CHEMISTRY	12,400	8,400	5,100	-------	-------	-------	14,100	-------	-------	-------
ORGANIC CHEMISTRY	13,700	7,600	3,600	14,300	-------	12,000	14,000	-------	-------	-------
RELATED CHEMICAL SPECIALTIES	14,400	-------	11,400	14,000	12,000	15,600	14,500	-------	-------	-------
AGRICULTURAL CHEMISTRY	12,000	-------	-------	14,900	-------	-------	12,300	-------	-------	-------
FOOD SCIENCE AND TECHNOLOGY	13,900	-------	11,200	13,400	-------	-------	14,100	-------	-------	-------
BIOCHEMISTRY	10,000	8,800	6,800	12,100	-------	9,000	12,000	-------	-------	-------
PHYSICAL CHEMISTRY	12,800	7,200	4,000	14,000	-------	12,300	13,400	-------	-------	-------
CHEMISTRY, OTHER	12,000	9,000	9,600	15,000	11,200	12,600	14,400	18,000	11,100	-------
GEOCHEMISTRY	11,600	-------	-------	-------	-------	-------	12,300	-------	-------	-------
GEODESY	13,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
GEOLOGY	12,500	9,200	10,000	13,400	11,000	-------	13,000	15,000	-------	-------
PALEONTOLOGY	11,200	9,100	9,000	-------	-------	-------	12,100	-------	-------	-------
SOLID-EARTH GEOPHYSICS	12,600	-------	-------	13,000	-------	-------	12,700	-------	-------	-------
GEOGRAPHY	9,500	9,000	9,100	12,300	10,900	-------	12,100	-------	-------	-------
HYDROLOGY	12,600	-------	-------	12,600	-------	-------	-------	-------	-------	-------
OCEANOGRAPHY	13,000	-------	-------	14,000	-------	-------	14,000	-------	-------	-------
EARTH SCIENCE, OTHER	11,000	9,100	9,000	13,000	-------	-------	16,000	-------	-------	-------
MARINE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ATMOSPHERIC STRUCTURE AND DYNAMICS	13,200	-------	11,300	13,500	-------	14,000	14,700	-------	-------	-------
CLIMATOLOGY	13,000	-------	-------	13,400	-------	-------	-------	-------	-------	-------
WEATHER ANALYSIS AND FORECASTING	13,600	-------	-------	13,800	-------	-------	-------	-------	-------	-------
METEOROLOGICAL AREA SPECIALIZATIONS	14,400	-------	-------	14,200	-------	-------	15,300	-------	-------	-------
INSTRUMENTATION	15,000	-------	-------	-------	-------	-------	13,800	-------	-------	-------
SOLAR/PLANETARY SPECIALTIES	14,000	-------	-------	14,000	-------	-------	15,3[illegible]	-------	-------	-------
ATMOSPHERIC SCIENCE, OTHER	15,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
SPACE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ACOUSTICS	15,000	-------	13,100	14,700	-------	-------	15,500	-------	-------	-------
ATOMIC AND MOLECULAR PHYSICS	12,000	-------	-------	-------	-------	-------	13,200	-------	-------	-------
ELECTROMAGNETISM	14,000	10,800	-------	13,500	-------	-------	15,000	-------	-------	-------
ELEMENTARY PARTICLES	11,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
MECHANICS	14,000	10,000	-------	14,500	-------	-------	14,700	-------	-------	-------
NUCLEAR PHYSICS	13,800	9,100	9,000	14,900	-------	14,000	14,700	-------	-------	-------
OPTICS	14,500	-------	12,000	13,700	-------	-------	15,000	-------	-------	-------
PHYSICS OF FLUIDS	15,100	-------	-------	15,100	-------	-------	15,600	-------	-------	-------
SOLID STATE PHYSICS	13,400	8,300	8,300	13,200	-------	-------	14,300	-------	-------	-------
THERMAL PHYSICS	13,500	-------	-------	-------	-------	-------	14,100	-------	-------	-------
PHYSICS, OTHER	10,000	9,400	10,000	13,400	-------	13,800	14,700	-------	-------	-------
ASTRONOMY	12,500	9,100	9,400	13,500	-------	-------	14,400	-------	-------	-------
ELECTRONICS	15,000	9,800	-------	13,300	-------	-------	15,500	-------	-------	-------
ALGEBRA	9,000	8,700	9,000	-------	-------	-------	-------	-------	-------	-------
ANALYSIS AND FUNCTIONAL ANALYSIS	9,100	8,900	9,500	-------	-------	-------	14,600	-------	-------	-------
GEOMETRY	9,000	9,000	9,000	-------	-------	-------	-------	-------	-------	-------
LOGIC	9,000	8,800	-------	-------	-------	-------	-------	-------	-------	-------
OPERATIONS RESEARCH	16,600	-------	-------	16,900	-------	18,000	16,600	-------	-------	-------
NUMBER THEORY	8,500	8,300	-------	-------	-------	-------	-------	-------	-------	-------
NUMERICAL ANALYSIS	12,600	9,200	11,200	13,900	-------	-------	13,700	-------	-------	-------
TOPOLOGY	8,600	8,300	-------	-------	-------	-------	-------	-------	-------	-------
PROBABILITY	13,400	-------	-------	-------	-------	-------	15,000	-------	-------	-------
MATHEMATICS, OTHER	9,700	8,800	9,600	14,400	11,800	17,000	17,500	-------	9,000	-------
COMPUTING THEORY	12,000	8,800	-------	-------	-------	-------	15,200	-------	-------	-------
COMPUTER NUMERICAL PROCESSING	12,800	-------	11,500	12,600	-------	-------	13,000	-------	-------	-------
COMPUTER NON-NUMERICAL PROCESSING	14,200	-------	12,000	13,900	-------	15,400	14,600	-------	-------	-------
BUSINESS DATA PROCESSING	15,500	-------	13,600	16,400	-------	17,500	15,600	-------	-------	-------
COMPUTER HARDWARE DESIGN	18,000	-------	-------	-------	-------	-------	18,400	-------	-------	-------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	14,800	-------	12,000	14,000	-------	15,500	15,000	-------	-------	-------
COMPUTER SCIENCE, OTHER	14,000	10,000	11,400	15,000	-------	16,200	14,300	-------	-------	-------
AGRONOMY	11,400	-------	11,300	13,000	-------	-------	12,000	-------	-------	-------
ANIMAL HUSBANDRY	11,200	-------	11,100	-------	-------	-------	12,000	-------	-------	-------
FISH AND WILDLIFE	10,100	-------	10,600	11,500	9,500	-------	-------	-------	-------	-------
FORESTRY	11,000	10,000	11,500	11,300	10,000	-------	11,200	-------	-------	-------
RANGE MANAGEMENT	10,600	-------	-------	10,600	-------	-------	-------	-------	-------	-------
HORTICULTURE	11,400	-------	11,300	-------	-------	-------	12,000	-------	-------	-------
SOIL SCIENCE	11,300	-------	9,600	12,000	-------	-------	12,000	-------	-------	-------
AGRICULTURAL SCIENCES, OTHER	11,600	-------	11,700	11,600	-------	-------	12,000	-------	-------	-------
ANATOMY	8,400	8,700	-------	-------	-------	-------	-------	-------	-------	-------
BOTANY	8,800	8,500	8,800	-------	-------	-------	-------	-------	-------	-------
ECOLOGY	9,800	9,200	9,200	11,500	9,300	-------	-------	-------	-------	-------
ENTOMOLOGY	11,300	-------	10,200	11,600	10,300	-------	13,500	-------	-------	-------
GENETICS	10,000	9,500	10,000	-------	-------	-------	-------	-------	-------	-------
IMMUNOLOGY	9,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
MICROBIOLOGY	10,500	9,000	8,000	11,500	10,800	9,800	12,000	-------	-------	-------
NUTRITION	11,400	-------	8,500	-------	-------	-------	13,500	-------	-------	-------
PATHOLOGY	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHARMACOLOGY	11,600	-------	-------	-------	-------	-------	12,000	-------	-------	-------
PHYSIOLOGY	9,100	9,000	8,600	10,000	-------	-------	-------	-------	-------	-------
PLANT PATHOLOGY	10,200	-------	7,500	11,000	-------	-------	-------	-------	-------	-------
VIROLOGY	9,200	-------	-------	-------	-------	-------	11,000	-------	-------	-------
ZOOLOGY	8,700	8,600	8,800	-------	-------	-------	-------	-------	-------	-------
BIOPHYSICS	11,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGY, OTHER	9,600	9,300	9,300	12,200	10,900	10,000	13,500	-------	-------	-------

APPENDIX TABLE A-54C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
CLINICAL PSYCHOLOGY	10,500	10,500	11,000	11,500	10,400	10,400	10,000	15,900	-------	-------
COUNSELING PSYCHOLOGY	11,000	10,000	11,000	14,000	10,800	11,000	-------	-------	-------	-------
DEVELOPMENTAL PSYCHOLOGY	10,000	9,200	10,800	-------	-------	-------	-------	-------	-------	-------
EDUCATIONAL PSYCHOLOGY	12,000	11,000	13,000	-------	13,000	12,000	-------	-------	-------	-------
ENGINEERING PSYCHOLOGY	15,000	-------	-------	15,800	-------	-------	15,000	-------	-------	-------
GENERAL PSYCHOLOGY	9,200	8,600	-------	-------	-------	-------	-------	-------	-------	-------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	15,000	-------	-------	15,000	13,000	13,200	15,500	-------	-------	-------
PERSONALITY	10,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
SCHOOL PSYCHOLOGY	11,700	11,300	12,400	-------	12,000	-------	-------	-------	-------	-------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	9,500	9,000	9,000	-------	-------	-------	-------	-------	-------	-------
PSYCHOMETRICS	12,000	-------	10,000	14,200	-------	-------	-------	-------	-------	-------
SOCIAL PSYCHOLOGY	10,000	9,100	10,500	-------	-------	-------	-------	-------	-------	-------
PSYCHOLOGY, OTHER	9,800	9,100	10,000	-------	11,500	11,000	-------	-------	-------	-------
STATISTICS	14,000	10,000	11,500	15,400	13,100	14,000	14,800	-------	-------	-------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	10,000	9,500	10,200	15,800	-------	-------	14,000	-------	-------	-------
ECONOMIC GROWTH AND DEVELOPMENT	14,700	9,600	-------	16,400	16,000	-------	15,000	-------	-------	-------
ECONOMIC STATISTICS	11,600	9,800	-------	-------	-------	-------	-------	-------	-------	-------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	12,500	9,800	-------	16,600	14,500	-------	15,000	-------	-------	-------
INTERNATIONAL ECONOMICS	15,600	9,700	-------	18,000	-------	-------	-------	-------	-------	-------
BUSINESS ORGANIZATION - FINANCE - MARKETING ACCOUNTING	13,500	10,400	12,000	-------	-------	17,200	16,500	-------	-------	-------
INDUSTRIAL ORGANIZATION	16,400	10,500	-------	18,000	-------	-------	19,000	-------	-------	-------
AGRICULTURE - NATURAL RESOURCES	13,200	-------	12,300	14,000	-------	-------	13,800	-------	-------	-------
MANPOWER - LABOR - POPULATION	14,100	10,400	-------	16,900	-------	-------	-------	-------	-------	-------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	13,700	-------	-------	15,300	13,500	14,300	16,000	-------	-------	-------
ECONOMICS, OTHER	11,500	9,600	11,500	14,800	-------	-------	15,000	-------	-------	-------
SOCIO-CULTURAL THEORY	8,500	8,500	9,400	-------	-------	-------	-------	-------	-------	-------
METHODOLOGY	10,500	9,200	10,000	-------	-------	-------	-------	-------	-------	-------
DEMOGRAPHY AND POPULATION	9,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
RURAL-URBAN SOCIOLOGY	9,500	8,800	-------	-------	-------	-------	-------	-------	-------	-------
SOCIAL CHANGE AND DEVELOPMENT	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	9,100	8,500	10,000	-------	-------	-------	-------	-------	-------	-------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	9,600	9,000	10,000	-------	11,000	11,000	-------	-------	-------	-------
SOCIOLOGY, OTHER	9,000	8,500	-------	-------	-------	-------	-------	-------	-------	-------
POLITICAL THEORY	9,000	9,000	-------	-------	-------	-------	-------	-------	-------	-------
METHODOLOGY	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
PUBLIC POLICY	11,200	-------	-------	14,500	-------	-------	-------	-------	-------	-------
PUBLIC ADMINISTRATION	13,000	-------	11,000	16,000	12,000	-------	-------	-------	-------	-------
POLITICAL STABILITY, INSTABILITY AND CHANGE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	9,200	9,100	8,800	-------	-------	-------	-------	-------	-------	-------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	9,200	8,800	10,400	-------	11,900	-------	-------	-------	-------	-------
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	9,200	9,000	9,500	-------	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE, OTHER	10,400	8,500	-------	-------	-------	-------	-------	-------	-------	-------
ARCHEOLOGY/PREHISTORY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLICATIONS TO LANGUAGE TEACHING	9,200	8,500	-------	-------	-------	-------	-------	-------	-------	-------
DESCRIPTIVE LINGUISTICS	8,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
GENERAL LINGUISTICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
HISTORICAL AND COMPARATIVE LINGUISTICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LANGUAGE IN RELATION TO OTHER FIELDS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LANGUAGE POLICIES	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LITERACY AND WRITING SYSTEMS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MECHANIZED APPLICATIONS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHONETICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS, OTHER	9,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER SPECIALTIES	14,000	9,500	12,000	15,700	12,000	16,000	15,600	-------	-------	-------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-54D. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL SUBFIELDS	12,000	7,200	7,500	12,200	9,700	11,700	13,000	15,000	11,500	12,000
ANALYTICAL CHEMISTRY	10,900	-------	6,600	11,900	9,500	9,300	10,800	-------	10,500	-------
INORGANIC CHEMISTRY	12,000	3,200	3,200	13,000	-------	-------	12,500	-------	-------	-------
ORGANIC CHEMISTRY	12,400	2,800	3,200	12,900	9,100	10,000	12,600	18,000	-------	13,200
RELATED CHEMICAL SPECIALTIES	12,500	-------	8,600	13,000	10,800	16,000	12,600	15,000	12,000	-------
AGRICULTURAL CHEMISTRY	12,000	-------	-------	13,800	10,000	-------	12,000	-------	-------	-------
FOOD SCIENCE AND TECHNOLOGY	12,500	-------	-------	12,900	9,800	-------	12,500	-------	-------	-------
BIOCHEMISTRY	8,500	4,000	4,800	11,000	8,800	8,000	10,700	-------	-------	-------
PHYSICAL CHEMISTRY	11,900	3,000	3,400	13,000	-------	12,000	12,100	-------	-------	-------
CHEMISTRY, OTHER	12,200	6,500	6,500	13,300	10,500	10,500	13,200	15,800	11,000	14,000
GEOCHEMISTRY	11,100	-------	-------	12,500	-------	-------	12,000	-------	-------	-------
GEODESY	12,800	-------	-------	12,500	-------	-------	-------	-------	-------	-------
GEOLOGY	13,000	8,000	8,800	12,200	10,900	-------	13,300	15,000	-------	-------
PALEONTOLOGY	11,500	-------	-------	-------	-------	-------	12,200	-------	-------	-------
SOLID-EARTH GEOPHYSICS	13,400	-------	-------	13,000	-------	-------	13,500	18,000	-------	-------
GEOGRAPHY	9,400	7,300	-------	10,300	8,500	-------	9,600	-------	-------	-------
HYDROLOGY	13,400	-------	-------	13,500	11,600	-------	13,500	-------	-------	-------
OCEANOGRAPHY	12,600	-------	-------	13,000	-------	-------	-------	-------	-------	-------
EARTH SCIENCE, OTHER	10,100	6,900	-------	11,000	-------	-------	13,200	-------	-------	-------
MARINE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ATMOSPHERIC STRUCTURE AND DYNAMICS	13,700	-------	-------	13,900	-------	-------	13,000	-------	-------	-------
CLIMATOLOGY	13,400	-------	-------	13,500	-------	-------	-------	-------	-------	-------
WEATHER ANALYSIS AND FORECASTING	12,900	-------	-------	13,000	-------	-------	12,500	-------	-------	-------
METEOROLOGICAL AREA SPECIALIZATIONS	13,000	-------	-------	13,400	-------	-------	12,500	-------	-------	-------
INSTRUMENTATION	14,900	-------	-------	15,300	-------	-------	14,400	-------	-------	-------
SOLAR/PLANETARY SPECIALTIES	13,400	-------	-------	13,400	-------	-------	-------	-------	-------	-------
ATMOSPHERIC SCIENCE, OTHER	12,400	-------	-------	12,400	-------	-------	-------	-------	-------	-------
SPACE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ACOUSTICS	13,800	-------	-------	13,000	-------	-------	14,600	-------	-------	-------
ATOMIC AND MOLECULAR PHYSICS	12,000	-------	-------	-------	-------	-------	12,500	-------	-------	-------
ELECTROMAGNETISM	13,000	-------	-------	13,400	-------	-------	12,600	-------	-------	-------
ELEMENTARY PARTICLES	10,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
MECHANICS	13,300	-------	-------	14,000	-------	-------	13,100	-------	-------	-------
NUCLEAR PHYSICS	13,000	-------	-------	14,000	-------	-------	13,000	-------	-------	-------
OPTICS	13,500	-------	-------	12,900	-------	-------	14,000	-------	-------	-------
PHYSICS OF FLUIDS	13,000	-------	-------	13,000	-------	-------	13,000	-------	-------	-------
SOLID STATE PHYSICS	13,000	-------	-------	13,400	-------	-------	13,200	-------	-------	-------
THERMAL PHYSICS	11,100	-------	-------	-------	-------	-------	11,000	-------	-------	-------
PHYSICS, OTHER	9,500	7,700	7,500	13,400	-------	-------	13,500	-------	-------	-------
ASTRONOMY	12,000	-------	-------	12,600	-------	-------	12,300	-------	-------	-------
ELECTRONICS	13,000	-------	-------	13,600	-------	-------	13,000	-------	-------	-------
ALGEBRA	7,600	7,400	-------	-------	-------	-------	-------	-------	-------	-------
ANALYSIS AND FUNCTIONAL ANALYSIS	11,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
GEOMETRY	7,300	7,100	-------	-------	-------	-------	-------	-------	-------	-------
LOGIC	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OPERATIONS RESEARCH	16,000	-------	-------	15,900	-------	18,000	16,000	-------	-------	-------
NUMBER THEORY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NUMERICAL ANALYSIS	12,600	-------	-------	12,600	-------	-------	13,200	-------	-------	-------
TOPOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PROBABILITY	13,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
MATHEMATICS, OTHER	14,000	7,000	7,000	11,900	12,100	17,000	17,800	-------	-------	-------
COMPUTING THEORY	13,100	-------	-------	-------	-------	-------	13,700	-------	-------	-------
COMPUTER NUMERICAL PROCESSING	13,000	-------	-------	13,000	-------	-------	13,000	-------	-------	-------
COMPUTER NON-NUMERICAL PROCESSING	14,000	-------	11,000	13,900	-------	14,000	15,000	-------	-------	-------
BUSINESS DATA PROCESSING	14,500	-------	-------	14,900	12,000	15,600	14,800	-------	-------	-------
COMPUTER HARDWARE DESIGN	16,000	-------	-------	-------	-------	-------	16,000	-------	-------	-------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	14,400	-------	12,000	13,700	13,000	14,500	14,500	-------	-------	-------
COMPUTER SCIENCE, OTHER	13,000	-------	12,000	13,400	9,900	13,200	13,000	-------	-------	-------
AGRONOMY	11,200	-------	10,200	11,600	-------	-------	11,500	-------	-------	-------
ANIMAL HUSBANDRY	11,000	-------	-------	-------	-------	-------	12,500	-------	-------	-------
FISH AND WILDLIFE	9,700	-------	-------	10,600	9,000	-------	-------	-------	-------	-------
FORESTRY	10,000	-------	10,000	10,300	9,200	11,000	10,000	12,000	-------	-------
RANGE MANAGEMENT	10,200	-------	-------	10,200	-------	-------	-------	-------	-------	-------
HORTICULTURE	10,700	-------	11,800	-------	-------	-------	10,800	-------	-------	-------
SOIL SCIENCE	10,600	-------	-------	10,900	10,000	-------	10,800	-------	-------	-------
AGRICULTURAL SCIENCES, OTHER	11,500	-------	-------	11,500	10,600	-------	12,000	-------	-------	-------
ANATOMY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BOTANY	7,800	7,500	-------	-------	-------	-------	-------	-------	-------	-------
ECOLOGY	9,000	7,500	6,500	11,000	9,300	-------	-------	-------	-------	-------
ENTOMOLOGY	11,000	-------	-------	11,300	10,200	-------	12,000	-------	-------	-------
GENETICS	8,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
IMMUNOLOGY	8,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
MICROBIOLOGY	9,700	-------	8,100	10,900	9,400	8,300	10,200	-------	-------	-------
NUTRITION	10,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
PATHOLOGY	9,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHARMACOLOGY	10,000	-------	-------	-------	-------	-------	10,800	-------	-------	-------
PHYSIOLOGY	7,600	-------	6,800	-------	-------	-------	-------	-------	-------	-------
PLANT PATHOLOGY	10,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
VIROLOGY	9,100	-------	-------	-------	-------	-------	9,800	-------	-------	-------
ZOOLOGY	7,600	7,500	7,200	-------	-------	-------	-------	-------	-------	-------
BIOPHYSICS	13,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGY, OTHER	8,100	7,100	7,300	11,300	9,700	8,500	12,000	15,000	-------	-------

APPENDIX TABLE A-54D. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
CLINICAL PSYCHOLOGY	10,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
COUNSELING PSYCHOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
DEVELOPMENTAL PSYCHOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EDUCATIONAL PSYCHOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ENGINEERING PSYCHOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
GENERAL PSYCHOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PERSONALITY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SCHOOL PSYCHOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PSYCHOMETRICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOCIAL PSYCHOLOGY	8,900	-------	-------	-------	-------	-------	-------	-------	-------	-------
PSYCHOLOGY, OTHER	9,200									
STATISTICS	14,000	-------	-------	15,300	11,800	13,700	13,000	-------	-------	-------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	10,300	10,100	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMIC GROWTH AND DEVELOPMENT	12,900	-------	-------	-------	-------	-------	17,000	-------	-------	-------
ECONOMIC STATISTICS	13,900	-------	-------	18,000	-------	-------	-------	-------	-------	-------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	14,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
INTERNATIONAL ECONOMICS	18,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	15,000	-------	-------	-------	-------	-------	15,500	-------	-------	-------
INDUSTRIAL ORGANIZATION	15,800	-------	-------	14,500	-------	-------	19,000	-------	-------	-------
AGRICULTURE - NATURAL RESOURCES	14,500	-------	-------	16,300	-------	-------	-------	-------	-------	-------
MANPOWER - LABOR - POPULATION	15,800	-------	-------	15,800	-------	-------	-------	-------	-------	-------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	14,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMICS, OTHER	13,500	-------	-------	13,400	-------	-------	15,500	-------	-------	-------
SOCIO-CULTURAL THEORY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
METHODOLOGY	10,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
DEMOGRAPHY AND POPULATION	10,100	-------	-------	-------	-------	-------	-------	-------	-------	-------
RURAL-URBAN SOCIOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOCIAL CHANGE AND DEVELOPMENT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	8,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	8,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOCIOLOGY, OTHER	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
POLITICAL THEORY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
METHODOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PUBLIC POLICY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PUBLIC ADMINISTRATION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
POLITICAL STABILITY, INSTABILITY AND CHANGE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	12,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
POLITICAL SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ARCHEOLOGY/PREHISTORY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
APPLICATIONS TO LANGUAGE TEACHING	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
DESCRIPTIVE LINGUISTICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
GENERAL LINGUISTICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
HISTORICAL AND COMPARATIVE LINGUISTICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LANGUAGE IN RELATION TO OTHER FIELDS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LANGUAGE POLICIES	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LITERACY AND WRITING SYSTEMS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MECHANIZED APPLICATIONS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHONETICS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER SPECIALTIES	13,400	6,800	10,100	14,000	10,700	13,300	14,000	16,000	-------	-------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-55. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY												NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ALL SUBFIELDS	13,200	13,400	13,000	13,800	17,000	18,400	10,500	13,000	12,000	14,400	12,500	12,000	14,400
ANALYTICAL CHEMISTRY	12,000	12,000	11,000	12,200	15,000	16,400	10,500	12,600	10,700	12,000	12,000	11,200	12,400
INORGANIC CHEMISTRY	13,400	13,100	12,000	14,000	18,900	19,000	10,200	12,200	12,000	------	------	------	15,000
ORGANIC CHEMISTRY	14,200	13,200	13,000	14,000	18,400	18,300	11,000	13,500	12,300	15,500	13,000	12,000	15,000
RELATED CHEMICAL SPECIALTIES	14,000	13,200	13,100	13,600	17,500	18,000	13,600	17,000	12,000	15,100	12,600	13,300	14,500
AGRICULTURAL CHEMISTRY	13,400	12,000	12,000	12,700	17,000	18,000	------	------	10,500	------	------	------	17,000
FOOD SCIENCE AND TECHNOLOGY	14,000	12,600	12,900	13,000	17,400	18,000	11,600	15,500	11,900	16,000	------	------	15,400
BIOCHEMISTRY	13,000	12,200	12,000	13,000	19,500	19,600	11,400	15,000	10,700	12,500	------	8,000	14,400
PHYSICAL CHEMISTRY	14,500	14,400	14,000	14,800	19,200	19,200	11,000	13,500	12,300	17,200	------	14,400	15,000
CHEMISTRY, OTHER	13,000	13,000	11,500	13,800	18,000	18,300	10,000	10,100	12,100	15,600	11,800	13,000	13,800
GEOCHEMISTRY	13,000	13,000	13,000	13,000	18,000	18,000	11,000	------	------	------	------	------	------
GEODESY	13,800	13,300	------	------	17,500	------	------	------	------	------	------	------	------
GEOLOGY	13,000	12,600	12,600	12,600	17,000	17,000	10,700	12,000	12,000	14,000	12,700	11,800	15,000
PALEONTOLOGY	12,000	12,900	12,300	13,500	16,500	------	10,500	11,700	------	------	12,000	------	------
SOLID-EARTH GEOPHYSICS	13,600	14,000	13,000	14,400	17,300	19,100	12,000	------	11,900	16,000	12,600	10,300	14,000
GEOGRAPHY	10,700	11,400	11,400	11,400	15,800	17,000	10,000	10,600	9,900	------	10,200	9,700	12,000
HYDROLOGY	13,400	13,000	12,900	13,000	15,300	15,800	11,600	------	------	14,400	12,500	11,600	------
OCEANOGRAPHY	13,400	13,000	13,000	13,000	15,800	15,800	12,700	------	------	------	11,800	11,900	------
EARTH SCIENCE, OTHER	11,700	12,000	11,300	12,600	18,500	19,500	8,500	8,100	12,000	------	12,100	11,000	15,000
MARINE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	14,800	14,000	14,000	14,200	20,000	20,900	12,400	14,600	------	------	------	------	17,600
CLIMATOLOGY	13,400	14,100	------	14,100	15,500	------	11,700	------	------	------	13,400	------	------
WEATHER ANALYSIS AND FORECASTING	12,900	12,800	------	13,300	14,100	------	------	------	------	------	12,500	11,000	------
METEOROLOGICAL AREA SPECIALIZATIONS	13,500	13,300	12,300	13,600	16,000	17,400	------	------	------	------	12,200	12,300	14,000
INSTRUMENTATION	15,000	14,900	------	14,900	18,000	20,000	------	------	------	------	------	------	------
SOLAR/PLANETARY SPECIALTIES	15,000	14,400	14,400	14,500	19,400	20,000	12,500	------	------	------	------	------	------
ATMOSPHERIC SCIENCE, OTHER	14,700	15,000	------	15,000	20,000	20,500	------	------	------	------	------	------	------
SPACE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------	------	------	------
ACOUSTICS	15,000	14,000	14,000	14,000	19,400	19,600	12,300	------	------	15,500	11,200	------	13,800
ATOMIC AND MOLECULAR PHYSICS	13,600	13,700	13,500	14,900	19,000	20,400	11,500	13,200	------	------	------	------	------
ELECTROMAGNETISM	15,300	14,500	14,000	14,900	21,000	21,000	12,000	16,000	------	------	------	------	16,300
ELEMENTARY PARTICLES	12,000	11,700	11,500	15,500	20,000	20,000	11,400	13,200	------	------	------	------	13,000
MECHANICS	14,900	14,100	14,500	14,400	18,800	19,400	12,000	------	------	------	------	------	------
NUCLEAR PHYSICS	14,800	14,100	13,000	15,300	20,700	21,000	11,800	14,000	------	17,400	12,300	------	13,500
OPTICS	15,000	14,400	14,500	14,700	20,000	20,000	12,000	13,400	14,400	19,000	12,200	------	17,500
PHYSICS OF FLUIDS	15,600	15,300	15,000	15,700	22,100	22,800	13,000	15,500	------	------	------	------	16,000
SOLID STATE PHYSICS	15,100	15,000	15,000	15,300	21,000	21,200	12,000	14,000	------	------	------	------	16,000
THERMAL PHYSICS	13,400	13,200	13,000	13,800	19,200	19,000	11,600	------	------	------	------	------	------
PHYSICS, OTHER	11,000	14,400	13,800	15,000	17,700	20,000	10,000	10,000	12,100	16,000	12,200	12,100	12,500
ASTRONOMY	13,400	13,100	13,000	14,400	19,000	20,000	11,000	12,300	------	------	------	------	------
ELECTRONICS	15,700	14,400	16,500	15,000	21,000	21,200	11,500	10,200	13,000	------	------	------	17,000
ALGEBRA	10,400	12,000	11,300	13,800	16,500	------	10,000	10,000	------	------	------	------	11,000
ANALYSIS AND FUNCTIONAL ANALYSIS	11,100	13,000	12,000	15,000	19,000	22,000	10,500	11,000	------	------	------	------	13,000
GEOMETRY	10,300	11,000	10,800	------	15,000	------	10,200	9,300	------	------	------	------	------
LOGIC	11,000	14,800	14,600	------	------	------	10,200	------	------	------	------	------	------
OPERATIONS RESEARCH	17,000	15,800	14,000	16,000	20,000	20,200	12,500	------	------	17,500	13,500	16,000	18,000
NUMBER THEORY	11,200	12,000	12,000	------	------	------	10,500	------	------	------	------	------	------
NUMERICAL ANALYSIS	14,100	14,900	14,500	15,000	17,800	18,500	11,000	13,000	------	16,200	12,200	------	------
TOPOLOGY	11,200	11,000	11,000	------	18,000	------	10,900	12,600	------	------	------	------	11,400
PROBABILITY	14,000	15,000	13,500	16,000	18,500	------	11,600	------	------	------	------	------	------
MATHEMATICS, OTHER	11,000	14,600	14,500	14,800	18,700	19,500	9,000	9,400	12,200	18,500	13,200	12,700	12,000
COMPUTING THEORY	13,800	14,500	14,700	14,500	18,000	19,300	11,000	------	------	------	11,000	------	------
COMPUTER NUMERICAL PROCESSING	13,300	13,100	13,000	13,500	17,000	17,100	------	------	------	12,900	12,000	12,200	13,100
COMPUTER NON-NUMERICAL PROCESSING	14,700	13,900	14,000	14,000	17,700	18,500	14,000	------	------	15,000	12,400	13,000	------
BUSINESS DATA PROCESSING	15,000	13,200	------	13,200	17,400	18,000	12,200	------	------	15,400	12,300	13,800	16,000
COMPUTER HARDWARE DESIGN	17,000	15,100	------	15,500	20,400	21,000	------	------	------	------	------	------	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	14,500	14,000	14,400	14,000	17,400	18,000	------	------	12,500	14,700	13,200	13,200	15,600
COMPUTER SCIENCE, OTHER	14,300	13,500	13,600	14,000	19,000	20,000	10,700	------	11,500	14,600	11,500	11,700	14,000
AGRONOMY	12,800	12,500	12,600	12,500	14,000	16,200	------	13,000	------	------	------	12,400	13,000
ANIMAL HUSBANDRY	13,000	12,600	12,000	13,000	14,700	16,400	10,000	13,000	------	------	------	12,000	15,100
FISH AND WILDLIFE	10,300	9,800	9,600	9,900	10,400	11,000	10,600	12,500	------	------	10,600	8,600	11,100
FORESTRY	10,300	11,000	10,900	11,000	10,300	12,800	10,000	12,400	9,100	8,700	10,000	9,500	10,200
RANGE MANAGEMENT	10,600	11,800	------	11,800	10,500	10,900	------	12,800	------	------	------	10,000	------
HORTICULTURE	13,000	13,000	13,000	13,100	15,000	17,000	10,000	13,100	------	------	------	12,000	13,300
SOIL SCIENCE	12,600	12,200	12,200	12,300	15,300	18,200	12,300	14,300	10,000	------	10,900	10,600	13,000
AGRICULTURE SCIENCES, OTHER	13,900	13,000	13,000	13,000	16,000	18,000	------	13,000	------	------	------	11,000	13,700

APPENDIX TABLE A-55. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ANATOMY	14,500	15,000	15,000	------	21,100	22,000	11,500	15,000	------	------	------	------	15,200
BOTANY	11,000	11,700	11,500	13,000	16,000	15,800	10,500	12,000	------	------	------	10,000	12,000
ECOLOGY	11,300	11,400	11,300	11,600	14,000	15,000	10,500	11,900	------	------	------	8,900	12,500
ENTOMOLOGY	12,500	12,000	12,100	12,000	14,500	16,300	11,000	13,100	------	------	------	10,800	13,000
GENETICS	13,000	13,400	13,500	13,000	17,600	18,000	10,900	13,200	------	------	------	------	15,500
IMMUNOLOGY	15,000	14,500	14,200	15,000	18,000	19,000	------	16,000	------	13,500	------	------	14,800
MICROBIOLOGY	12,600	12,500	12,600	12,100	15,600	18,000	10,600	14,400	------	9,400	------	10,000	14,000
NUTRITION	14,700	14,200	13,800	14,500	17,000	17,400	11,500	15,000	------	------	------	------	15,700
PATHOLOGY	20,000	17,000	17,500	17,000	24,000	23,000	------	21,000	------	24,000	------	14,000	18,500
PHARMACOLOGY	16,500	15,000	14,500	15,600	21,900	22,000	------	16,500	------	26,000	------	------	19,000
PHYSIOLOGY	14,900	15,000	14,000	17,000	21,000	21,000	10,700	16,000	------	20,000	------	------	16,400
PLANT PATHOLOGY	13,000	12,600	12,300	13,000	16,400	17,700	------	14,100	------	------	------	11,500	13,500
VIROLOGY	14,200	13,800	13,800	13,300	19,000	19,500	------	17,000	------	------	------	------	13,500
ZOOLOGY	11,000	12,000	12,000	12,000	15,000	15,800	10,500	11,500	------	------	------	9,600	13,300
BIOPHYSICS	14,700	14,200	14,000	15,000	20,000	20,900	11,300	15,000	------	------	------	------	------
BIOLOGY, OTHER	12,500	15,000	13,500	17,000	19,500	20,400	9,100	12,300	9,700	16,000	14,400	10,000	17,000
CLINICAL PSYCHOLOGY	13,500	12,000	14,300	12,000	15,300	16,200	12,000	14,000	------	13,600	------	14,000	14,000
COUNSELING PSYCHOLOGY	12,800	12,600	------	12,400	15,000	16,000	12,000	13,500	------	12,000	------	12,000	12,300
DEVELOPMENTAL PSYCHOLOGY	12,400	13,000	13,000	13,000	16,000	15,500	11,000	12,600	------	------	------	------	------
EDUCATIONAL PSYCHOLOGY	13,800	13,000	13,000	13,000	16,000	17,500	11,500	14,100	------	12,500	------	14,300	14,000
ENGINEERING PSYCHOLOGY	16,900	15,600	------	15,800	19,900	20,000	------	------	------	------	------	------	------
GENERAL PSYCHOLOGY	12,000	------	------	------	17,000	------	11,100	------	------	------	------	------	------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	17,000	15,000	------	15,000	18,000	19,000	12,300	15,000	------	18,000	------	14,000	21,700
PERSONALITY	13,100	13,500	13,500	13,200	19,500	------	12,500	12,500	------	------	------	------	------
SCHOOL PSYCHOLOGY	12,000	11,600	------	11,600	14,500	15,300	11,500	15,000	------	12,000	------	12,000	12,400
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	12,500	13,200	13,000	14,800	18,000	18,000	11,000	12,900	------	------	------	------	13,200
PSYCHOMETRICS	14,000	14,000	14,600	14,000	16,000	16,000	11,000	14,300	------	------	------	------	------
SOCIAL PSYCHOLOGY	12,500	13,500	13,300	14,000	18,800	20,400	10,900	12,000	------	------	------	------	16,800
PSYCHOLOGY, OTHER	12,000	14,000	13,200	14,400	17,000	18,500	10,400	12,000	------	12,500	------	12,000	13,000
STATISTICS	14,500	14,300	14,500	14,300	17,600	18,500	12,000	14,600	13,000	15,500	12,800	14,000	15,100
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	12,200	14,700	13,800	15,000	18,500	19,000	11,500	12,700	------	------	15,000	------	16,000
ECONOMIC GROWTH AND DEVELOPMENT	16,000	15,300	14,800	15,800	20,400	20,900	12,000	15,100	------	17,500	15,000	------	15,500
ECONOMIC STATISTICS	14,000	15,000	16,200	14,400	20,800	20,800	11,500	15,000	------	------	12,200	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	15,000	15,600	14,000	16,300	20,900	22,500	12,700	14,500	------	------	14,900	------	18,000
INTERNATIONAL ECONOMICS	16,200	16,500	12,500	17,400	22,300	21,000	12,500	------	------	------	15,000	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	15,000	14,100	------	14,100	20,000	19,000	13,000	14,700	13,400	19,000	15,500	14,900	16,000
INDUSTRIAL ORGANIZATION	16,500	16,800	13,800	17,000	20,000	20,200	13,000	15,000	------	22,000	14,100	------	------
AGRICULTURE - NATURAL RESOURCES	15,000	14,100	14,300	14,000	18,500	19,000	11,500	15,000	12,900	------	13,500	14,800	16,000
MANPOWER - LABOR - POPULATION	15,500	14,500	13,500	15,200	18,900	17,700	13,500	15,000	------	------	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	15,000	14,100	13,000	14,500	18,000	18,000	12,300	15,000	------	------	15,000	------	------
ECONOMICS, OTHER	13,500	13,400	------	13,500	18,000	18,400	10,500	14,000	14,800	------	13,500	14,200	16,000
SOCIO-CULTURAL THEORY	10,500	13,000	13,000	------	15,000	------	10,000	10,300	------	------	------	------	------
METHODOLOGY	12,100	12,000	11,000	12,500	15,000	14,500	10,800	12,800	------	------	------	------	------
DEMOGRAPHY AND POPULATION	13,000	14,000	15,000	11,400	19,000	18,300	10,800	12,000	------	------	------	------	------
RURAL-URBAN SOCIOLOGY	12,700	14,000	13,000	15,000	15,000	15,000	10,700	14,000	------	------	------	------	------
SOCIAL CHANGE AND DEVELOPMENT	13,700	14,000	12,000	------	17,700	17,300	12,000	------	------	------	------	------	------
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	12,100	13,500	13,500	13,500	16,000	16,000	11,000	13,0	------	------	------	------	11,300
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	11,400	13,000	13,000	13,000	15,000	15,000	10,300	11,400	------	------	------	8,300	------
SOCIOLOGY, OTHER	11,500	12,500	------	------	14,000	------	10,400	10,000	------	------	------	------	------

APPENDIX TABLE A-55. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
POLITICAL THEORY	11,200	12,000	12,000	------	------	------	10,600	10,500	------	------	------	------	------
METHODOLOGY	12,000	------	------	------	------	------	10,500	------	------	------	------	------	------
PUBLIC POLICY	14,800	16,600	------	17,500	19,100	------	11,000	------	------	------	------	16,000	------
PUBLIC ADMINISTRATION	16,000	13,000	------	------	18,400	18,000	12,000	14,800	------	------	------	17,400	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,000	------	------	------	------	------	10,000	------	------	------	------	------	------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	11,000	11,000	11,000	------	16,900	20,000	10,500	10,500	------	------	------	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	11,600	11,500	11,700	11,000	17,300	16,000	10,500	12,200	------	------	13,500	15,000	10,900
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	11,300	12,000	13,000	------	18,000	20,800	10,300	11,500	------	------	------	------	------
POLITICAL SCIENCE, OTHER	12,500	------	------	------	17,500	------	10,000	------	------	------	------	------	------
ARCHEOLOGY/PREHISTORY	12,000	11,500	11,500	------	16,800	------	11,200	------	------	------	------	------	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	11,500	------	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	13,000	18,000	------	------	------	------	11,000	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	13,000	13,600	13,600	------	17,900	17,900	12,200	12,000	------	------	------	------	16,500
ANTHROPOLOGY, OTHER	12,000	------	------	------	------	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING	11,000	------	------	------	14,800	------	10,500	9,500	------	------	------	------	------
DESCRIPTIVE LINGUISTICS	11,000	10,000	10,000	------	------	------	10,500	10,200	------	------	------	------	------
GENERAL LINGUISTICS	10,500	------	------	------	------	------	10,200	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	12,500	------	------	------	------	------	12,000	11,000	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS	12,000	------	------	------	------	------	11,500	------	------	------	------	------	------
LANGUAGE POLICIES	------	------	------	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	------	------	------	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------	------	------	------	------	------	------
PHONETICS	------	------	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER	10,700	------	------	------	16,500	------	10,600	------	------	------	------	------	------
OTHER SPECIALTIES	15,000	14,500	14,000	15,000	18,000	19,600	10,200	11,600	12,000	16,100	12,000	12,000	15,400

(A) INCLUDES DEVELOPMENT AND DESIGN.
(B) INCLUDES MANAGEMENT AND ADMINISTRATION, OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-56. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND AGE, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ALL SUBFIELDS	13,200	7,900	9,600	11,500	13,400	15,000	16,000	16,400	16,200	16,200	16,000	14,000	11,400
ANALYTICAL CHEMISTRY	12,000	7,900	9,500	11,000	12,500	13,100	14,000	14,000	13,800	13,300	13,000	-------	-------
INORGANIC CHEMISTRY	13,400	3,600	9,100	11,100	13,800	15,400	17,000	16,900	17,000	17,000	-------	-------	-------
ORGANIC CHEMISTRY	14,200	8,400	9,900	12,500	14,400	15,500	16,700	17,600	17,400	17,000	15,500	15,000	10,400
RELATED CHEMICAL SPECIALTIES	14,000	9,000	10,400	12,000	14,000	15,000	16,000	16,800	16,500	16,000	15,000	-------	-------
AGRICULTURAL CHEMISTRY	13,400	8,100	9,600	11,400	13,400	14,500	16,000	15,500	16,800	17,500	-------	-------	-------
FOOD SCIENCE AND TECHNOLOGY	14,000	8,500	9,600	12,000	13,000	14,500	15,300	17,000	15,400	15,500	15,000	-------	-------
BIOCHEMISTRY	13,000	5,400	7,500	10,900	13,400	15,300	17,500	18,000	18,000	18,700	19,000	-------	-------
PHYSICAL CHEMISTRY	14,500	5,000	9,600	13,000	15,000	16,000	18,000	18,100	18,300	17,000	20,000	-------	-------
CHEMISTRY, OTHER	13,000	8,300	10,000	12,000	13,300	15,000	16,400	16,800	15,600	15,000	14,000	12,000	12,900
GEOCHEMISTRY	13,000	-------	9,000	11,000	13,200	14,500	15,300	17,500	-------	-------	-------	-------	-------
GEODESY	13,800	-------	-------	-------	12,900	-------	-------	-------	-------	-------	-------	-------	-------
GEOLOGY	13,000	7,800	9,500	10,800	12,200	14,000	14,900	16,000	17,500	17,500	17,000	-------	11,000
PALEONTOLOGY	12,000	-------	9,000	10,300	11,900	12,700	14,500	14,400	16,200	17,000	-------	-------	-------
SOLID-EARTH GEOPHYSICS	13,600	9,600	10,200	11,700	13,200	14,800	15,800	17,000	16,900	19,000	-------	-------	-------
GEOGRAPHY	10,700	7,000	8,000	9,500	10,700	12,000	13,500	13,600	14,400	14,000	14,000	-------	-------
HYDROLOGY	13,400	-------	9,900	11,600	12,200	13,800	14,000	15,300	16,400	16,200	-------	-------	-------
OCEANOGRAPHY	13,400	-------	9,900	12,000	13,500	15,000	15,300	18,000	-------	-------	-------	-------	-------
EARTH SCIENCE, OTHER	11,700	-------	7,200	9,600	12,000	13,500	16,000	13,200	16,900	14,400	-------	-------	-------
MARINE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ATMOSPHERIC STRUCTURE AND DYNAMICS	14,800	-------	10,700	13,000	14,800	16,900	17,600	18,000	18,000	-------	-------	-------	-------
CLIMATOLOGY	13,400	-------	-------	-------	13,000	-------	13,800	14,000	-------	-------	-------	-------	-------
WEATHER ANALYSIS AND FORECASTING	12,900	-------	9,900	11,400	12,500	13,000	13,200	13,700	13,800	13,600	-------	-------	-------
METEOROLOGICAL AREA SPECIALIZATIONS	13,500	-------	9,700	12,000	13,000	14,000	15,200	15,200	14,900	-------	-------	-------	-------
INSTRUMENTATION	15,000	-------	-------	11,500	15,000	15,000	15,400	19,000	-------	-------	-------	-------	-------
SOLAR/PLANETARY SPECIALTIES	15,000	-------	10,900	13,400	16,200	18,500	19,800	18,100	-------	-------	-------	-------	-------
ATMOSPHERIC SCIENCE, OTHER	14,700	-------	-------	-------	14,300	-------	-------	-------	-------	-------	-------	-------	-------
SPACE SCIENCE, OTHER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ACOUSTICS	15,000	-------	11,300	13,300	15,000	17,500	18,000	19,500	19,000	19,000	-------	-------	-------
ATOMIC AND MOLECULAR PHYSICS	13,600	-------	10,000	11,800	14,000	16,400	17,900	19,200	17,500	-------	-------	-------	-------
ELECTROMAGNETISM	15,300	-------	11,200	13,500	16,000	18,000	19,400	20,000	18,800	18,500	-------	-------	-------
ELEMENTARY PARTICLES	12,000	-------	9,500	11,000	14,900	18,000	21,000	23,000	-------	-------	-------	-------	-------
MECHANICS	14,900	-------	10,900	13,500	14,800	17,200	18,000	18,900	18,000	-------	-------	-------	-------
NUCLEAR PHYSICS	14,800	-------	10,400	12,300	15,000	18,000	20,000	19,500	20,000	21,000	-------	-------	-------
OPTICS	15,000	-------	11,300	14,000	16,000	18,000	18,800	18,000	20,000	17,500	-------	-------	-------
PHYSICS OF FLUIDS	15,600	-------	11,000	13,800	16,000	18,700	20,000	20,000	22,700	-------	-------	-------	-------
SOLID STATE PHYSICS	15,100	-------	10,900	13,500	16,200	18,000	19,000	19,500	20,000	20,000	-------	-------	-------
THERMAL PHYSICS	13,400	-------	10,300	12,000	13,400	17,000	18,100	-------	-------	-------	-------	-------	-------
PHYSICS, OTHER	11,000	6,400	8,200	10,200	11,500	13,000	14,000	14,000	13,300	13,000	13,200	-------	-------
ASTRONOMY	13,400	-------	10,000	12,000	14,200	18,000	18,000	18,000	18,800	22,000	-------	-------	-------
ELECTRONICS	15,700	-------	11,000	13,000	15,700	19,600	20,000	20,000	18,900	21,200	-------	-------	-------
ALGEBRA	10,400	-------	8,900	10,000	11,000	12,200	13,000	13,500	14,000	13,500	-------	-------	-------
ANALYSIS AND FUNCTIONAL ANALYSIS	11,100	-------	9,300	10,300	12,000	14,000	15,400	15,000	14,000	14,200	16,300	-------	-------
GEOMETRY	10,300	-------	8,000	10,000	11,000	11,800	12,100	12,300	13,000	12,800	-------	-------	-------
LOGIC	11,000	-------	9,300	10,500	11,000	15,500	-------	-------	-------	-------	-------	-------	-------
OPERATIONS RESEARCH	17,000	-------	12,500	14,900	17,200	20,000	20,200	21,500	20,000	18,500	-------	-------	-------
NUMBER THEORY	11,200	-------	9,000	10,500	12,500	14,000	-------	-------	-------	-------	-------	-------	-------
NUMERICAL ANALYSIS	14,100	-------	11,600	12,600	15,300	16,200	17,000	16,000	17,800	-------	-------	-------	-------
TOPOLOGY	11,200	-------	9,500	10,600	13,000	15,300	16,700	18,200	-------	-------	-------	-------	-------
PROBABILITY	14,000	-------	10,100	13,200	14,600	17,200	18,000	-------	-------	-------	-------	-------	-------
MATHEMATICS, OTHER	11,000	7,000	8,100	10,100	12,000	13,000	13,500	13,700	14,000	13,000	12,000	-------	-------
COMPUTING THEORY	13,800	-------	10,500	12,900	15,000	18,500	-------	-------	-------	-------	-------	-------	-------
COMPUTER NUMERICAL PROCESSING	13,300	-------	11,400	12,600	14,800	15,700	17,100	16,600	-------	-------	-------	-------	-------
COMPUTER NON-NUMERICAL PROCESSING	14,700	-------	12,000	14,000	16,300	18,000	18,000	17,500	-------	-------	-------	-------	-------
BUSINESS DATA PROCESSING	15,000	-------	12,000	14,000	16,500	17,500	17,800	17,400	18,500	-------	-------	-------	-------
COMPUTER HARDWARE DESIGN	17,000	-------	12,000	15,000	19,000	19,200	20,000	-------	-------	-------	-------	-------	-------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	14,500	10,800	12,000	14,400	16,000	17,800	17,000	17,000	-------	-------	-------	-------	-------
COMPUTER SCIENCE, OTHER	14,300	9,100	11,000	13,400	16,000	18,500	18,500	18,800	20,000	-------	-------	-------	-------
AGRONOMY	12,800	-------	8,400	11,100	12,500	13,000	14,000	15,000	15,000	13,500	-------	-------	-------
ANIMAL HUSBANDRY	13,000	-------	8,500	11,300	12,600	13,200	14,900	15,900	15,300	16,200	-------	-------	-------
FISH AND WILDLIFE	10,300	-------	7,600	9,000	10,300	11,400	12,000	13,400	14,000	14,000	-------	-------	-------
FORESTRY	10,300	6,800	8,000	9,400	10,500	11,700	12,500	13,500	14,500	14,600	12,600	-------	-------
RANGE MANAGEMENT	10,600	-------	8,100	9,700	10,600	12,200	12,600	13,000	13,500	-------	-------	-------	-------
HORTICULTURE	13,000	-------	9,000	11,100	12,000	13,000	14,400	15,000	15,400	16,000	-------	-------	-------
SOIL SCIENCE	12,600	-------	8,100	10,600	12,000	13,000	14,000	15,400	15,300	15,500	-------	-------	-------
AGRICULTURE SCIENCES, OTHER	13,900	-------	8,500	11,500	12,500	14,500	16,000	16,500	17,800	17,000	-------	-------	-------

APPENDIX TABLE A-56. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND AGE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE										NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ANATOMY	14,500	------	7,400	11,500	13,200	15,000	16,800	17,000	18,000	17,800	------	------	------
BOTANY	11,000	------	8,000	9,800	11,000	12,000	12,100	14,000	13,500	14,000	15,200	------	------
ECOLOGY	11,300	------	7,800	9,700	11,500	12,500	13,300	15,000	15,400	16,000	------	------	------
ENTOMOLOGY	12,500	------	8,600	11,000	12,000	13,000	14,000	15,000	15,000	15,300	15,500	------	------
GENETICS	13,000	------	9,400	10,800	12,600	14,000	16,000	17,000	18,000	15,600	------	------	------
IMMUNOLOGY	15,000	------	7,500	11,000	15,000	17,000	18,000	20,200	17,000	------	------	------	------
MICROBIOLOGY	12,600	7,000	8,000	10,500	12,500	13,700	15,000	15,000	15,400	16,700	16,500	------	------
NUTRITION	14,700	------	9,100	12,500	14,000	15,000	16,600	17,500	17,000	18,000	------	------	------
PATHOLOGY	20,000	------	7,000	12,500	18,000	20,000	22,000	22,000	24,000	25,000	24,400	------	------
PHARMACOLOGY	16,500	------	9,300	13,000	15,200	18,600	18,500	22,500	21,000	21,000	------	------	------
PHYSIOLOGY	14,900	------	8,000	10,900	14,400	16,500	18,000	20,000	20,000	20,000	20,000	------	------
PLANT PATHOLOGY	13,000	------	8,400	11,500	12,500	14,000	15,000	15,000	15,600	16,500	------	------	------
VIROLOGY	14,200	------	8,000	11,500	14,200	16,000	16,800	17,000	20,000	23,500	------	------	------
ZOOLOGY	11,000	------	7,500	9,600	11,000	12,000	13,000	14,000	14,000	15,300	15,600	------	------
BIOPHYSICS	14,700	------	7,900	12,000	15,000	16,000	19,500	20,000	18,000	------	------	------	------
BIOLOGY, OTHER	12,500	6,100	7,000	9,300	12,100	15,300	17,000	18,000	17,600	17,700	20,000	17,300	9,000
CLINICAL PSYCHOLOGY	13,500	------	10,000	12,000	13,800	15,000	15,000	15,100	15,000	14,500	14,700	------	12,700
COUNSELING PSYCHOLOGY	12,800	------	10,000	11,500	12,000	13,000	13,800	14,300	14,500	13,600	12,000	------	------
DEVELOPMENTAL PSYCHOLOGY	12,400	------	10,000	11,000	12,600	13,800	13,000	14,700	14,000	14,000	------	------	------
EDUCATIONAL PSYCHOLOGY	13,800	------	10,900	12,000	13,500	14,000	15,000	15,000	14,500	15,000	13,000	------	------
ENGINEERING PSYCHOLOGY	16,900	------	12,000	14,000	16,400	19,000	19,000	18,600	------	------	------	------	------
GENERAL PSYCHOLOGY	12,000	------	------	------	11,000	12,000	------	------	------	------	------	------	------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	17,000	------	11,600	14,000	16,000	18,000	19,800	18,000	19,700	20,000	22,600	------	------
PERSONALITY	13,100	------	10,000	10,800	12,400	14,200	17,000	16,300	16,000	------	------	------	------
SCHOOL PSYCHOLOGY	12,000	------	10,000	11,200	12,200	12,700	12,500	13,000	13,000	12,800	13,000	------	------
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	12,500	------	9,600	11,000	13,000	15,500	17,000	16,500	18,000	18,000	------	------	------
PSYCHOMETRICS	14,000	------	10,200	12,000	13,800	15,000	16,000	18,000	------	------	------	------	------
SOCIAL PSYCHOLOGY	12,500	------	9,700	11,000	12,900	14,400	16,000	17,100	18,000	------	------	------	------
PSYCHOLOGY, OTHER	12,000	------	8,500	10,000	12,000	13,000	14,000	13,800	14,000	12,800	13,000	------	------
STATISTICS	14,500	------	11,200	12,600	14,500	15,600	17,100	17,400	17,000	17,500	15,800	------	------
GENERAL ECONOMICS - THEORY	12,200	------	9,800	11,000	12,000	14,000	14,600	14,000	15,000	14,000	12,100	------	------
HISTORY - SYSTEMS	16,000	------	11,000	12,400	15,000	18,000	18,900	20,400	21,000	21,000	------	------	------
ECONOMIC GROWTH AND DEVELOPMENT	14,000	------	11,000	12,200	14,000	15,000	16,200	19,600	------	------	------	------	------
ECONOMIC STATISTICS	15,000	------	11,000	12,500	14,000	17,900	18,500	19,300	19,000	20,000	------	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	16,200	------	10,800	11,800	14,500	16,500	19,200	21,000	22,000	------	------	------	------
INTERNATIONAL ECONOMICS	15,000	------	10,500	12,600	14,200	16,800	17,500	17,000	18,000	18,000	17,000	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	16,500	------	10,700	12,600	14,500	17,800	19,000	20,000	19,500	------	------	------	------
INDUSTRIAL ORGANIZATION	15,000	------	10,500	12,600	14,800	16,000	16,400	17,200	18,000	18,000	------	------	------
AGRICULTURE - NATURAL RESOURCES	15,500	------	10,800	12,800	14,000	14,800	18,000	18,400	18,900	17,000	------	------	------
MANPOWER - LABOR - POPULATION	15,000	------	11,000	12,800	14,700	18,000	17,400	20,000	17,000	------	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	13,500	------	10,000	11,500	13,000	15,000	16,200	17,000	15,500	16,800	------	------	------
ECONOMICS, OTHER	10,500	------	8,100	9,000	10,000	11,600	12,000	12,500	13,300	14,000	------	------	------
SOCIO-CULTURAL THEORY	12,100	------	9,500	10,500	11,600	14,000	16,600	16,000	------	------	------	------	------
METHODOLOGY	13,000	------	9,200	10,800	12,000	15,700	15,000	------	18,000	------	------	------	------
DEMOGRAPHY AND POPULATION	12,700	------	8,900	10,500	11,500	13,000	15,000	15,000	16,500	------	------	------	------
RURAL-URBAN SOCIOLOGY	13,700	------	8,400	10,000	13,000	15,200	16,000	16,700	------	------	------	------	------
SOCIAL CHANGE AND DEVELOPMENT	12,100	------	8,800	10,300	12,000	13,700	14,000	14,200	15,000	16,400	14,500	------	------
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	11,400	------	8,300	10,300	11,500	11,400	13,000	14,000	15,800	13,300	------	------	------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	11,500	------	8,000	9,600	10,800	13,500	14,900	------	------	------	------	------	------
SOCIOLOGY, OTHER	11,200	------	9,000	9,600	11,000	13,000	14,700	13,500	------	------	------	------	------
POLITICAL THEORY	12,000	------	10,500	------	------	------	------	------	------	------	------	------	------
METHODOLOGY	14,800	------	9,500	11,800	13,000	16,000	18,000	18,000	18,000	------	------	------	------
PUBLIC POLICY	16,000	------	10,000	12,000	15,300	17,000	17,800	19,000	22,000	21,800	------	------	------
PUBLIC ADMINISTRATION	12,000	------	------	------	------	------	------	------	------	------	------	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	11,000	------	9,200	10,000	11,000	12,500	15,300	15,000	------	------	------	------	------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	11,600	------	8,800	10,000	11,700	14,000	14,400	15,300	14,000	17,100	------	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	11,300	------	9,100	9,600	10,700	12,100	15,000	13,000	15,800	17,000	------	------	------
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	12,500	------	------	10,000	12,000	------	14,000	------	------	------	------	------	------
POLITICAL SCIENCE, OTHER													

APPENDIX TABLE A-56. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND AGE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ARCHEOLOGY/PREHISTORY	12,000	------	------	10,000	11,000	13,000	13,000	15,500	------	------	------	------	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	11,500	------	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	13,000	------	------	------	------	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	13,000	------	------	10,500	11,500	13,500	15,000	16,000	17,000	16,500	------	------	------
ANTHROPOLOGY, OTHER	12,000	------	------	------	------	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING	11,000	------	------	9,600	10,500	11,200	12,500	12,000	13,600	------	------	------	------
DESCRIPTIVE LINGUISTICS	11,000	------	------	9,900	10,600	11,600	11,500	------	------	------	------	------	------
GENERAL LINGUISTICS	10,500	------	------	------	------	------	------	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	12,500	------	------	9,800	12,000	------	------	------	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS	12,000	------	------	------	11,000	------	------	------	------	------	------	------	------
LANGUAGE POLICIES	------	------	------	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	------	------	------	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------	------	------	------	------	------	------
PHONETICS	------	------	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER	10,700	------	------	9,000	10,400	12,000	------	------	------	------	------	------	------
OTHER SPECIALTIES	15,000	7,800	10,000	12,200	14,400	16,100	18,000	19,000	19,500	18,500	18,000	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-57. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ALL SUBFIELDS	13,200	9,000	10,000	11,700	13,800	15,100	16,200	17,000	17,200	17,000	16,300	14,000
ANALYTICAL CHEMISTRY	12,000	8,400	9,300	10,800	12,200	13,300	13,500	14,400	14,000	13,700	14,000	12,500
INORGANIC CHEMISTRY	13,400	9,000	9,600	11,100	14,000	15,600	16,300	17,300	17,500	17,600	15,000	13,800
ORGANIC CHEMISTRY	14,200	9,100	10,000	12,000	14,400	15,400	16,600	17,500	17,600	17,500	16,000	14,800
RELATED CHEMICAL SPECIALTIES	14,000	9,400	10,100	11,700	13,500	15,000	15,700	16,500	16,800	18,000	17,000	15,000
AGRICULTURAL CHEMISTRY	13,400	8,500	9,600	11,300	12,800	14,400	16,100	16,500	15,400	16,700	-------	14,700
FOOD SCIENCE AND TECHNOLOGY	14,000	8,700	10,000	11,400	13,000	14,000	15,900	16,800	16,500	16,200	16,000	15,000
BIOCHEMISTRY	13,000	7,100	9,000	11,900	14,400	16,100	18,000	18,500	19,000	20,000	18,500	12,400
PHYSICAL CHEMISTRY	14,500	9,100	10,300	12,700	15,000	16,500	18,000	18,600	18,500	17,400	19,000	15,000
CHEMISTRY, OTHER	13,000	9,000	10,000	11,100	13,000	15,000	16,000	17,300	17,000	16,500	15,000	14,000
GEOCHEMISTRY	13,000	------	10,000	12,000	13,400	14,900	16,400	------	-------	------	-------	13,100
GEODESY	13,800	------	-------	------	-------	------	------	------	------	-------	-------	------
GEOLOGY	13,000	9,000	9,800	11,000	12,600	14,000	15,800	17,000	18,000	18,000	18,000	13,800
PALEONTOLOGY	12,000	------	9,600	10,800	12,500	14,000	14,400	------	15,600	------	-------	11,400
SOLID-EARTH GEOPHYSICS	13,600	9,600	10,200	11,600	13,200	14,500	16,000	18,000	18,000	19,000	-------	14,300
GEOGRAPHY	10,700	8,000	8,500	10,000	11,300	13,000	14,000	14,700	15,900	14,000	15,500	11,200
HYDROLOGY	13,400	------	10,000	11,600	12,600	13,800	15,000	16,000	16,800	16,200	-------	13,400
OCEANOGRAPHY	13,400	------	10,500	12,500	14,000	15,600	16,200	18,500	------	-------	-------	14,000
EARTH SCIENCE, OTHER	11,700	6,200	7,800	9,400	12,000	13,000	16,000	14,000	22,800	-------	-------	13,000
MARINE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------	-------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	14,800	9,800	11,000	13,200	14,500	17,100	17,500	20,200	19,000	-------	-------	15,000
CLIMATOLOGY	13,400	------	------	-------	13,400	13,800	13,800	14,400	------	-------	-------	13,000
WEATHER ANALYSIS AND FORECASTING	12,900	------	9,900	11,600	12,800	12,900	13,000	13,800	14,000	13,500	-------	13,000
METEOROLOGICAL AREA SPECIALIZATIONS	13,500	------	10,000	12,000	13,500	13,800	14,500	15,800	17,000	-------	-------	14,000
INSTRUMENTATION	15,000	------	------	-------	14,900	15,000	16,900	19,000	17,000	-------	-------	14,900
SOLAR/PLANETARY SPECIALTIES	15,000	9,300	11,500	14,000	16,600	19,000	21,000	21,000	------	------	-------	13,800
ATMOSPHERIC SCIENCE, OTHER	14,700	------	------	11,400	------	17,100	------	19,000	------	------	-------	------
SPACE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------	-------	------
ACOUSTICS	15,000	------	10,900	13,000	15,000	17,000	19,000	20,000	19,600	18,700	-------	------
ATOMIC AND MOLECULAR PHYSICS	13,600	10,000	10,700	12,400	15,000	17,700	16,500	19,200	18,800	------	-------	------
ELECTROMAGNETISM	15,300	10,500	11,200	13,400	16,000	18,200	19,500	21,000	20,900	------	-------	------
ELEMENTARY PARTICLES	12,000	9,300	10,200	12,000	16,200	18,100	21,000	23,600	------	------	-------	9,000
MECHANICS	14,900	------	11,000	13,000	15,000	17,400	18,900	19,600	19,600	------	-------	------
NUCLEAR PHYSICS	14,800	9,600	10,600	12,800	16,000	18,500	20,000	20,500	23,000	------	-------	11,000
OPTICS	15,000	11,300	11,400	13,000	16,000	18,000	19,000	20,000	19,500	19,200	-------	14,500
PHYSICS OF FLUIDS	15,600	10,800	11,700	13,800	16,700	18,700	20,000	21,000	------	------	-------	11,800
SOLID STATE PHYSICS	15,100	10,400	11,400	14,000	16,500	18,900	20,000	20,000	20,700	19,000	-------	11,700
THERMAL PHYSICS	13,400	------	10,700	12,000	14,100	16,100	18,600	------	------	------	-------	------
PHYSICS, OTHER	11,000	8,500	8,800	10,000	11,700	13,500	14,000	15,300	14,500	13,600	14,000	10,500
ASTRONOMY	13,400	9,100	11,000	12,600	15,500	18,000	20,000	19,600	19,800	19,000	-------	------
ELECTRONICS	15,700	------	11,000	12,700	16,500	19,000	20,200	21,000	20,000	21,200	-------	14,000
ALGEBRA	10,400	9,400	9,100	9,800	11,000	12,600	13,500	15,500	13,600	14,500	-------	10,100
ANALYSIS AND FUNCTIONAL ANALYSIS	11,100	10,000	9,500	10,300	12,200	14,600	15,500	16,800	15,000	14,800	15,200	10,800
GEOMETRY	10,300	------	8,500	9,400	11,000	12,100	12,600	-------	14,400	------	-------	9,400
LOGIC	11,000	------	10,000	10,000	12,000	16,700	------	------	------	------	-------	------
OPERATIONS RESEARCH	17,000	------	12,200	14,400	17,000	19,800	21,000	21,600	22,000	21,000	-------	17,000
NUMBER THEORY	11,200	------	9,600	10,100	12,600	13,900	------	------	------	------	-------	------
NUMERICAL ANALYSIS	14,100	------	11,100	12,600	15,900	16,100	18,000	16,800	------	------	-------	15,000
TOPOLOGY	11,200	9,500	10,000	10,900	14,000	16,000	17,000	------	------	------	-------	11,000
PROBABILITY	14,000	------	10,500	13,100	15,000	18,000	20,000	------	------	------	-------	------
MATHEMATICS, OTHER	11,000	8,900	8,000	9,600	12,000	14,000	14,400	14,000	16,000	14,500	13,400	10,600
COMPUTING THEORY	13,800	------	10,300	12,000	15,000	21,000	------	------	------	------	-------	------
COMPUTER NUMERICAL PROCESSING	13,300	------	11,000	12,200	15,000	16,800	17,000	------	------	------	-------	12,300
COMPUTER NON-NUMERICAL PROCESSING	14,700	------	11,100	13,300	16,500	18,000	19,900	20,000	------	------	-------	13,000
BUSINESS DATA PROCESSING	15,000	------	11,400	13,500	16,500	17,800	19,500	19,500	19,000	------	-------	15,000
COMPUTER HARDWARE DESIGN	17,000	------	12,000	13,500	18,000	19,600	21,000	------	------	------	-------	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	14,500	------	11,300	13,500	16,300	19,000	18,500	17,700	------	------	-------	14,400
COMPUTER SCIENCE, OTHER	14,300	9,300	10,400	13,000	16,000	18,500	20,000	19,600	20,200	------	-------	14,000
AGRONOMY	12,800	9,000	10,000	12,000	12,600	13,200	14,400	15,400	15,700	16,200	-------	12,500
ANIMAL HUSBANDRY	13,000	9,000	10,100	12,000	12,900	14,200	15,700	16,000	16,500	15,200	-------	------
FISH AND WILDLIFE	10,300	7,100	7,900	9,000	10,600	11,600	13,000	13,500	15,100	15,000	-------	9,900
FORESTRY	10,300	6,800	7,800	9,000	10,600	11,800	13,000	14,300	15,000	15,000	15,000	10,000
RANGE MANAGEMENT	10,600	------	8,000	9,600	10,900	12,600	13,000	13,300	15,000	------	-------	------
HORTICULTURE	13,000	------	10,000	11,500	13,000	14,000	15,000	15,100	16,800	15,800	-------	12,900
SOIL SCIENCE	12,600	9,700	9,800	11,500	12,000	13,700	14,900	15,300	15,300	19,000	-------	12,600
AGRICULTURE SCIENCES, OTHER	13,900	------	9,700	11,900	13,500	15,500	15,800	16,500	17,900	19,000	-------	14,700

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APPENDIX TABLE A-57. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ANATOMY	14,500	------	11,000	11,500	14,000	17,000	16,800	17,700	18,000	18,000	18,000	17,600
BOTANY	11,000	8,500	9,100	10,200	11,300	12,900	14,000	14,200	14,000	15,200	14,000	9,600
ECOLOGY	11,300	9,000	9,000	10,200	12,000	13,400	14,200	16,000	16,500	------	------	10,500
ENTOMOLOGY	12,500	9,700	10,300	11,000	12,500	13,500	14,400	15,500	15,400	15,300	15,500	11,500
GENETICS	13,000	9,500	10,400	12,000	14,000	15,600	16,900	17,100	18,000	18,000	------	10,900
IMMUNOLOGY	15,000	9,200	10,000	12,400	16,000	17,500	17,000	20,500	21,000	------	------	15,000
MICROBIOLOGY	12,600	8,500	9,200	11,000	13,000	14,000	15,300	15,000	15,400	16,800	15,500	14,700
NUTRITION	14,700	------	12,000	12,600	14,500	16,500	17,400	19,000	18,500	18,500	------	15,000
PATHOLOGY	20,000	------	11,000	17,000	19,000	21,000	23,000	22,500	24,000	24,700	22,500	20,000
PHARMACOLOGY	16,500	10,000	12,000	14,000	17,500	19,000	21,000	23,000	24,000	20,000	------	16,500
PHYSIOLOGY	14,900	9,000	10,200	12,300	15,200	17,500	20,000	20,600	20,000	21,000	18,600	16,600
PLANT PATHOLOGY	13,000	11,000	10,500	12,200	13,100	14,500	15,800	16,000	15,700	18,000	------	13,600
VIROLOGY	14,200	------	11,000	12,000	15,600	16,400	16,000	20,600	20,000	------	------	15,000
ZOOLOGY	11,000	8,500	8,700	10,000	11,700	12,500	13,900	14,000	15,200	16,500	15,000	9,500
BIOPHYSICS	14,700	8,900	10,900	12,600	15,600	18,300	18,600	22,000	------	------	------	14,200
BIOLOGY, OTHER	12,500	6,700	7,500	9,400	12,500	15,000	18,000	19,700	20,000	18,000	16,000	16,000
CLINICAL PSYCHOLOGY	13,500	10,000	10,800	12,600	14,500	15,600	16,000	15,800	15,800	15,400	15,000	12,000
COUNSELING PSYCHOLOGY	12,800	------	10,500	11,400	12,700	13,500	15,000	15,000	14,000	15,700	12,000	12,300
DEVELOPMENTAL PSYCHOLOGY	12,400	------	10,000	11,000	13,500	13,900	15,000	15,400	17,000	------	------	10,300
EDUCATIONAL PSYCHOLOGY	13,800	------	11,000	12,000	13,500	14,900	15,000	15,000	17,100	15,600	14,500	13,500
ENGINEERING PSYCHOLOGY	16,900	------	11,700	14,500	17,000	19,800	20,200	------	------	------	------	------
GENERAL PSYCHOLOGY	12,000	------	------	11,200	------	13,000	------	------	------	------	------	------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	17,000	------	12,500	14,500	17,500	18,500	18,700	18,000	20,000	20,000	20,000	15,000
PERSONALITY	13,100	------	10,200	11,500	13,500	16,000	16,600	------	------	------	------	------
SCHOOL PSYCHOLOGY	12,000	9,600	10,400	11,300	12,100	13,200	13,000	13,000	13,000	14,000	------	12,000
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	12,500	9,200	10,200	12,000	15,000	17,500	17,400	17,900	------	------	------	10,500
PSYCHOMETRICS	14,000	------	10,800	13,500	14,000	16,400	16,000	------	------	------	------	------
SOCIAL PSYCHOLOGY	12,500	9,300	10,200	12,000	14,000	16,500	17,000	20,000	22,000	------	------	11,700
PSYCHOLOGY, OTHER	12,000	8,200	9,300	10,900	12,500	14,000	14,300	14,000	13,600	15,000	13,000	13,000
STATISTICS	14,500	11,700	11,000	12,600	15,000	16,500	17,400	18,000	18,000	17,000	17,400	14,700
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	12,200	9,800	10,400	11,100	13,200	14,200	15,000	14,200	15,500	16,500	14,000	12,100
ECONOMIC GROWTH AND DEVELOPMENT	16,000	------	11,100	13,500	16,000	18,200	20,000	20,000	21,400	------	------	18,000
ECONOMIC STATISTICS	14,000	------	11,200	12,800	15,500	15,800	17,500	------	------	------	------	14,500
MONETARY AND FISCAL THEORY AND INSTITUTIONS	15,000	------	11,100	12,600	16,000	18,500	18,800	22,000	21,000	------	------	16,000
INTERNATIONAL ECONOMICS	16,200	------	11,100	12,900	16,000	18,500	20,900	21,000	23,000	------	------	16,000
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	15,000	------	11,400	13,000	15,500	17,000	18,000	18,000	18,000	21,000	17,500	15,500
INDUSTRIAL ORGANIZATION	16,500	------	11,200	13,500	16,500	18,400	20,000	20,000	20,500	------	------	17,400
AGRICULTURE - NATURAL RESOURCES	15,000	------	12,000	13,500	15,100	16,500	17,000	17,400	19,000	18,200	------	15,000
MANPOWER - LABOR - POPULATION	15,500	------	11,200	13,000	14,400	17,000	18,000	17,500	20,700	------	------	16,000
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	15,000	------	11,200	13,500	15,100	18,000	17,400	20,000	20,000	------	------	15,000
ECONOMICS, OTHER	13,500	------	10,000	11,600	13,000	16,000	17,300	17,000	18,100	15,200	------	15,000
SOCIO-CULTURAL THEORY	10,500	------	8,200	10,000	11,000	12,600	13,500	------	------	------	------	11,000
METHODOLOGY	12,100	------	9,900	11,800	13,200	16,800	------	------	------	------	------	13,000
DEMOGRAPHY AND POPULATION	13,000	------	9,500	12,000	14,800	16,500	------	------	------	------	------	14,800
RURAL-URBAN SOCIOLOGY	12,700	------	9,600	10,600	13,100	15,800	14,200	------	------	------	------	14,000
SOCIAL CHANGE AND DEVELOPMENT	13,700	------	9,500	11,500	15,000	16,700	17,000	------	------	------	------	14,500
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	12,100	9,000	9,400	11,100	13,000	15,000	15,200	16,000	15,500	14,000	------	13,000
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	11,400	------	8,900	10,500	12,000	13,000	14,800	15,000	14,500	------	------	12,500
SOCIOLOGY, OTHER	11,500	------	8,500	10,500	11,500	13,500	------	------	------	------	------	13,500
POLITICAL THEORY	11,200	------	9,100	10,400	12,800	15,000	14,700	------	------	------	------	12,300
METHODOLOGY	12,000	------	------	------	------	------	------	------	------	------	------	------
PUBLIC POLICY	14,800	------	9,500	12,100	13,300	18,000	------	------	------	------	------	18,400
PUBLIC ADMINISTRATION	16,000	------	10,000	13,500	15,300	17,600	18,400	19,600	22,000	------	------	18,000
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,000	------	------	------	------	------	------	------	------	------	------	------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	11,000	9,100	9,500	10,900	13,000	15,000	16,700	------	------	------	------	11,800
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	11,600	8,400	9,100	10,900	13,000	15,000	15,500	15,600	15,300	15,700	------	13,500
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	11,300	9,100	9,300	10,000	12,000	15,000	14,500	15,700	18,000	------	------	12,200
POLITICAL SCIENCE, OTHER	12,500	------	9,700	10,900	------	14,800	------	------	------	------	------	14,000

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APPENDIX TABLE A-57. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ARCHEOLOGY/PREHISTORY	12,000	------	10,000	10,500	12,500	------	------	------	------	------	------	13,000
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	11,500	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	13,000	------	------	------	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	13,000	------	10,000	11,500	14,000	16,400	15,000	------	------	------	------	13,500
ANTHROPOLOGY, OTHER	12,000	------	------	------	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING	11,000	------	9,000	9,500	10,800	12,000	12,900	------	------	------	------	11,500
DESCRIPTIVE LINGUISTICS	11,000	------	9,500	10,000	11,800	12,500	------	------	------	------	------	11,000
GENERAL LINGUISTICS	10,500	------	------	------	------	------	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	12,500	------	------	10,600	------	------	------	------	------	------	------	13,700
LANGUAGE IN RELATION TO OTHER FIELDS	12,000	------	------	------	------	------	------	------	------	------	------	------
LANGUAGE POLICIES	------	------	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	------	------	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------	------	------	------	------	------
PHONETICS	------	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER	10,700	------	------	9,000	10,000	------	------	------	------	------	------	11,500
OTHER SPECIALTIES	15,000	8,000	10,000	12,000	14,000	16,400	18,000	19,200	19,500	20,000	19,500	15,600

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

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APPENDIX TABLE A-58. NUMBER OF SCIENTISTS, BY FOREIGN LANGUAGE AND FIELD, 1968

LANGUAGE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
INDO-EUROPEAN								
INDIC								
HINDI-URDU	1,371	294	61	8	210	96	12	28
BENGALI	199	46	14	-------	29	12	-------	7
GUJERATI	102	42	4	1	11	7	-------	-------
SINGHALESE	14	2	-------	-------	2	2	-------	1
MARATHI	71	18	1	2	8	8	2	-------
ORIYA	10	2	-------	-------	4	1	-------	-------
PANJABI	98	13	4	-------	17	10	1	3
INDIC, OTHER	107	15	9	-------	10	4	2	3
IRANIAN								
PERSIAN	370	73	42	1	31	24	6	16
PASHTU	17	1	2	-------	2	2	-------	1
KURDISH	13	3	1	-------	3	-------	-------	1
IRANIAN, OTHER	16	7	1	-------	3	-------	-------	-------
BALTO-SLAVIC								
BALTIC (LITHUANIAN AND LETTISH)	574	248	36	4	72	33	14	10
RUSSIAN	13,213	4,629	982	284	2,558	1,294	378	169
POLISH	1,911	765	66	27	215	151	39	45
CZECH AND SLOVAK	877	269	71	14	84	68	18	40
SERBO-CROATIAN	337	86	26	4	27	26	5	6
BULGARIAN	57	17	5	-------	7	2	1	2
UKRAINIAN	304	143	19	2	29	20	3	2
SLAVIC, OTHER	166	56	11	2	32	9	1	3
ROMANCE								
FRENCH	139,633	41,382	8,478	1,667	17,864	12,309	2,427	2,551
SPANISH	49,091	8,541	8,346	1,147	3,192	3,129	1,105	2,378
ITALIAN	6,019	1,704	328	106	714	559	130	83
PORTUGUESE	1,788	214	342	45	123	72	21	94
RUMANIAN	153	35	12	1	21	11	2	2
ROMANCE, OTHER	436	6	4	35	2	141	37	-------
GERMANIC								
GERMAN	157,166	63,045	8,437	2,239	21,124	11,873	2,666	2,909
SWEDISH	1,389	270	112	35	174	121	18	76
DUTCH	1,445	384	122	19	239	103	29	31
NORWEGIAN	934	156	104	26	115	74	8	65
DANISH	613	104	47	9	83	48	11	20
GERMANIC, OTHER	592	77	36	7	45	36	12	12
MISCELLANEOUS INDO-EUROPEAN								
CELTIC	60	13	3	2	10	7	2	2
MODERN GREEK	1,596	475	78	27	176	145	40	8
ARMENIAN	245	89	5	2	31	23	6	1
ALBANIAN	31	11	1	-------	2	-------	1	-------
INDO-EUROPEAN, OTHER	21	4	-------	-------	1	1	-------	1
AFRO-ASIATIC								
SEMITIC								
ARABIC	1,101	201	206	9	92	70	7	28
HEBREW	1,973	350	47	14	323	234	69	8
AMHARIC	37	7	2	-------	5	3	-------	-------
SEMITIC, OTHER	32	5	2	-------	2	3	2	-------
OTHER AFRO-ASIATIC								
BERBER	3	1	-------	-------	-------	-------	-------	-------
CUSHITIC	5	1	-------	-------	-------	-------	-------	-------
HAUSA AND AFRO-ASIATIC, OTHER	28	2	3	-------	2	-------	-------	1
AFRICAN								
NIGER-CONGO								
SWAHILI	168	8	31	1	8	7	1	5
XHOSA AND ZULU	4	-------	2	-------	-------	-------	-------	-------
OTHER BANTU	33	1	6	1	-------	1	-------	1
AKAN (TWI AND FANTE)	15	-------	3	-------	2	1	-------	-------
IBO	10	2	-------	-------	1	-------	-------	-------
YORUBA	16	1	2	-------	1	1	1	-------
FULA (NI)	5	-------	-------	-------	1	-------	-------	-------
NIGER-CONGO, OTHER	32	3	-- ---	-------	-------	-------	-------	-------
OTHER SUB-SAHARAN AFRICAN	10	2	-------	-------	2	-------	-------	-------

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APPENDIX TABLE A-58. NUMBER OF SCIENTISTS, BY FOREIGN LANGUAGE AND FIELD, 1968--CONTINUED

LANGUAGE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
INDO-EUROPEAN								
INDIC								
HINDI-URDU	274	44	46	90	64	78	23	43
BENGALI	53	3	9	6	8	5	3	4
GUJERATI	12	5	4	7	4	2	-------	3
SINGHALESE	3	-------	-------	-------	1	1	1	1
MARATHI	15	2	4	3	3	1	-------	4
ORIYA	1	-------	-------	-------	2	-------	-------	-------
PANJABI	21	2	-------	9	7	7	1	3
INDIC, OTHER	18	2	1	11	4	4	4	20
IRANIAN								
PERSIAN	52	26	2	29	17	23	9	19
PASHTU	3	-------	-------	1	-------	2	-------	3
KURDISH	2	-------	-------	1	-------	-------	1	1
IRANIAN, OTHER	2	2	-------	1	-------	-------	-------	-------
BALTO-SLAVIC								
BALTIC (LITHUANIAN AND LETTISH	80	30	3	14	10	8	1	11
RUSSIAN	1,202	485	107	376	154	409	40	146
POLISH	264	135	23	69	47	42	2	21
CZECH AND SLOVAK	125	50	9	45	18	44	6	16
SERBO-CROATIAN	41	15	3	31	16	20	8	23
BULGARIAN	3	5	-------	3	2	7	-------	3
UKRAINIAN	35	14	4	13	3	9	1	7
SLAVIC, OTHER	22	13	1	5	4	2	-------	5
ROMANCE								
FRENCH	25,397	11,937	1,325	5,873	3,836	3,137	690	760
SPANISH	7,559	5,487	462	3,420	1,961	1,334	568	462
ITALIAN	946	642	53	302	185	162	30	75
PORTUGUESE	274	83	16	196	82	127	59	40
RUMANIAN	27	13	-------	6	7	7	2	7
ROMANCE, OTHER	3	138	4	10	52	-------	-------	4
GERMANIC								
GERMAN	26,234	8,715	1,146	3,649	2,423	1,798	403	505
SWEDISH	262	84	8	101	67	31	5	25
DUTCH	232	85	11	74	43	39	17	17
NORWEGIAN	156	59	9	72	38	32	4	16
DANISH	132	48	11	39	26	19	10	6
GERMANIC, OTHER	86	177	13	17	26	18	8	22
MISCELLANEOUS INDO-EUROPEAN								
CELTIC	6	4	-------	2	3	-------	1	3
MODERN GREEK	215	202	13	80	64	43	8	22
ARMENIAN	44	21	4	3	7	4	1	4
ALBANIAN	3	5	-------	-------	1	-------	-------	7
INDO-EUROPEAN, OTHER	1	1	-------	4	7	1	-------	-------
AFRO-ASIATIC								
SEMITIC								
ARABIC	175	39	12	78	45	68	25	46
HEBREW	229	341	33	101	125	63	10	26
AMHARIC	4	4	-------	-------	2	2	6	2
SEMITIC, OTHER	-------	4	1	1	9	-------	2	1
OTHER AFRO-ASIATIC								
BERBER	-------	-------	-------	-------	-------	-------	-------	2
CUSHITIC	2	-------	-------	-------	-------	-------	1	1
HAUSA AND AFRO-ASIATIC, OTHER	2	-------	-------	-------	2	2	5	9
AFRICAN								
NIGER-CONGO								
SWAHILI	22	4	-------	9	6	27	23	16
XHOSA AND ZULU	1	-------	-------	-------	-------	-------	1	-------
OTHER BANTU	4	3	-------	-------	-------	-------	9	7
AKAN (TWI AND FANTE)	2	-------	-------	1	-------	-------	1	5
IBO	1	-------	-------	-------	1	1	1	3
YORUBA	4	-------	-------	-------	1	-------	1	4
FULA (NI)	-------	-------	-------	-------	-------	-------	2	2
NIGER-CONGO, OTHER	4	-------	1	1	1	2	9	11
OTHER SUB-SAHARAN AFRICAN	-------	2	-------	1	1	-------	1	1

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APPENDIX TABLE A-58. NUMBER OF SCIENTISTS, BY FOREIGN LANGUAGE AND FIELD, 1968--CONTINUED

LANGUAGE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
URALIC-ALTAIC								
OSMANLI TURKISH, (ISTANBUL AND ANATOLIAN)	353	50	63	9	45	24	4	10
OTHER TURKIC	35	19	-------	1	-------	2	-------	1
MONGOLIAN	8	-------	-------	-------	-------	-------	-------	-------
OTHER ALTAIC	5	3	-------	-------	-------	-------	-------	-------
HUNGARIAN	1,193	430	57	14	143	77	30	18
FINNISH	436	114	46	10	36	23	10	45
ESTONIAN AND OTHER BALTO-FINNIC	142	54	10	1	28	8	2	-------
URALIC, OTHER	5	-------	-------	-------	-------	-------	-------	-------
EAST ASIAN								
SINO-TIBETAN								
MANDARIN OR PEKING CHINESE	2,436	626	113	13	574	182	38	16
OTHER CHINESE	958	518	19	33	31	128	36	4
THAI-LAO	188	15	6	17	10	21	3	7
BURMESE	44	8	3	1	5	3	-------	-------
TIBETAN	6	1	-------	-------	-------	-------	-------	-------
VIETNAMESE	121	20	8	9	11	14	2	11
CAMBODIAN (KHMER)	6	1	2	-------	-------	-------	-------	-------
SOUTHEAST ASIAN, OTHER	34	2	1	-------	-------	2	-------	1
OTHER EAST ASIAN								
JAPANESE	3,343	795	194	147	425	223	90	99
KOREAN	578	123	24	12	97	46	12	17
MALAYO-POLYNESIAN								
INDONESIAN								
MALAY AND BAHASA INDONESIA	302	38	74	1	20	6	7	7
JAVANESE	11	4	-------	-------	1	-------	-------	-------
SUDANESE	-------	-------	-------	-------	-------	-------	-------	-------
MADURESE	-------	-------	-------	-------	-------	-------	-------	-------
TAGALOG	163	50	7	10	13	9	1	2
VISAYAN	14	4	-------	-------	-------	-------	-------	-------
ILOCANO	16	1	1	-------	2	-------	-------	-------
MALAGASY	5	-------	-------	1	-------	-------	-------	-------
INDONESIAN, OTHER	99	22	7	2	4	10	-------	6
OTHER MALAYO-POLYNESIAN								
POLYNESIAN	62	7	6	1	1	2	1	3
MELANESIAN	14	1	3	-------	2	-------	1	-------
MICRONESIAN	23	1	1	-------	1	-------	-------	-------
DRAVIDIAN								
TAMIL	105	20	5	1	27	9	2	-------
TELUGU	57	10	2	-------	13	4	1	1
MALAYALAM	81	19	2	1	18	8	-------	1
KANNADA	47	10	2	-------	6	3	-------	-------
DRAVIDIAN, OTHER	31	1	4	-------	3	1	-------	2
AMERICAN INDIAN								
NORTH AMERICAN								
NAVAHO	20	2	1	-------	-------	1	1	3
NORTH AMERICAN INDIAN, OTHER	68	2	5	1	-------	5	-------	-------
CENTRAL AMERICAN - TOTAL INCLUDING UTO-AZTECAN	47	2	-------	-------	-------	-------	-------	1
SOUTH AMERICAN								
GUARANI	1	-------	-------	-------	-------	-------	-------	-------
QUECHUA	13	1	1	-------	-------	-------	-------	-------
SOUTH AMERICAN INDIAN, OTHER	25	2	2	-------	-------	1	-------	-------
CAUCASIAN								
GEORGIAN	1	-------	-------	1	-------	-------	-------	-------
CAUCASIAN, OTHER	-------	-------	-------	-------	-------	-------	-------	-------
MISCELLANEOUS								
PAPUAN-AUSTRALIAN	19	-------	-------	-------	1	-------	-------	-------
CREOLES AND PIDGINS	55	3	6	-------	1	2	-------	4
OTHER LANGUAGES NOT INCLUDED IN ANY OF THE ABOVE CATEGORIES	841	270	10	3	62	63	22	62

NOTE - THESE DATA ARE BASED ON A MAXIMUM OF TWO FOREIGN LANGUAGES REPORTED BY 238,484 OF THE 297,942 TOTAL REGISTRANTS.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

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APPENDIX TABLE A-58. NUMBER OF SCIENTISTS, BY FOREIGN LANGUAGE AND FIELD, 1968--CONTINUED

LANGUAGE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
URALIC-ALTAIC								
OSMANLI TURKISH (ISTANBUL AND ANATOLIAN)	36	20	7	21	17	19	5	23
OTHER TURKIC	5	------	------	------	------	------	1	6
MONGOLIAN	------	------	------	------	1	------	1	6
OTHER ALTAIC	2	------	------	------	------	------	------	------
HUNGARIAN	196	78	13	54	23	34	7	19
FINNISH	55	30	1	20	12	16	4	14
ESTONIAN AND OTHER BALTO-FINNIC	21	5	2	4	1	------	------	6
URALIC, OTHER	2	------	------	------	------	------	------	3
EAST ASIAN								
SINO-TIBETAN								
MANDARIN OR PEKING CHINESE	397	59	31	130	53	133	16	55
OTHER CHINESE	94	13	18	18	19	9	6	12
THAI-LAO	29	6	2	12	7	17	15	21
BURMESE	3	1	1	2	1	6	4	6
TIBETAN	------	------	------	1	------	------	2	2
VIETNAMESE	8	8	1	2	3	11	1	12
CAMBODIAN (KHMER)	------	------	------	------	------	1	------	2
SOUTHEAST ASIAN, OTHER	2	------	------	1	1	------	3	21
OTHER EAST ASIAN								
JAPANESE	696	135	43	168	83	145	39	61
KOREAN	89	18	11	49	15	56	2	7
MALAYO-POLYNESIAN								
INDONESIAN								
MALAY AND BAHASA INDONESIA	45	11	------	28	9	29	11	16
JAVANESE	1	1	------	------	------	------	2	2
SUDANESE	------	------	------	------	------	------	------	------
MADURESE	------	------	------	------	------	------	------	------
TAGALOG	24	10	3	5	7	8	2	12
VISAYAN	------	1	------	1	1	1	3	3
ILOCANO	2	1	------	------	1	1	5	2
MALAGASY	2	------	1	------	------	------	1	------
INDONESIAN, OTHER	23	2	------	2	2	2	10	7
OTHER MALAYO-POLYNESIAN								
POLYNESIAN	9	5	------	------	2	1	18	6
MELANESIAN	1	------	------	------	------	------	2	4
MICRONESIAN	------	------	------	------	------	2	12	6
DRAVIDIAN								
TAMIL	21	1	2	6	3	2	1	5
TELUGU	12	1	2	2	4	1	3	1
MALAYALAM	17	2	1	3	4	2	1	2
KANNADA	10	1	5	3	------	2	4	1
DRAVIDIAN, OTHER	5	2	1	1	1	2	7	1
AMERICAN INDIAN								
NORTH AMERICAN								
NAVAHO	5	1	------	------	------	------	2	4
NORTH AMERICAN INDIAN, OTHER	8	3	1	------	1	1	5	36
CENTRAL AMERICAN - TOTAL INCLUDING UTO-AZTECAN	3	------	------	------	------	1	7	33
SOUTH AMERICAN								
GUARANI	------	------	------	------	------	------	------	1
QUECHUA	------	------	------	------	------	1	4	6
SOUTH AMERICAN INDIAN, OTHER	1	1	------	------	------	------	3	15
CAUCASIAN								
GEORGIAN	------	------	------	------	------	------	------	------
CAUCASIAN, OTHER	------	------	------	------	------	------	------	------
MISCELLANEOUS								
PAPUAN-AUSTRALIAN	1	1	------	------	------	1	8	7
CREOLES AND PIDGINS	5	3	------	------	3	2	16	10
OTHER LANGUAGES NOT INCLUDED IN ANY OF THE ABOVE CATEGORIES	257	14	2	8	2	49	7	10

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APPENDIX TABLE A-59. NUMBER AND PERCENT OF SCIENTISTS, BY FIELD AND SEX, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	MALE		FEMALE	
		NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT DISTRIBUTION
ALL FIELDS	297,942	270,109	100	27,833	100
CHEMISTRY	93,788	86,302	32	7,486	27
EARTH & MARINE SCIENCES	23,746	22,893	8	853	3
ATMOSPHERIC & SPACE SCIENCES	5,745	5,658	2	87	---
PHYSICS	32,491	31,335	12	1,156	4
MATHEMATICS	24,477	21,741	8	2,736	10
COMPUTER SCIENCES	6,972	6,180	2	792	3
AGRICULTURAL SCIENCES	12,740	12,702	5	38	---
BIOLOGICAL SCIENCES	46,183	40,276	15	5,907	21
PSYCHOLOGY	23,077	17,758	6	5,319	19
STATISTICS	2,639	2,323	1	316	1
ECONOMICS	11,510	10,875	4	635	2
SOCIOLOGY	6,638	5,171	2	1,467	5
POLITICAL SCIENCE	5,176	4,702	2	474	2
ANTHROPOLOGY	1,219	997	---	222	1
LINGUISTICS	1,541	1,196	---	345	1

NOTE - PERCENTS MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

APPENDIX TABLE A-60. NUMBER OF WOMEN SCIENTISTS, BY FIELD AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	27,833	8,305	391	11,417	7,542	4	174
CHEMISTRY	7,486	1,298	15	2,161	3,935	------	77
EARTH & MARINE SCIENCES	853	129	------	362	357	------	5
ATMOSPHERIC & SPACE SCIENCES	87	11	------	29	42	------	5
PHYSICS	1,156	290	------	519	343	------	4
MATHEMATICS	2,736	452	2	1,757	514	------	11
COMPUTER SCIENCES	792	10	------	267	499	1	15
AGRICULTURAL SCIENCES	38	7	1	15	15	------	------
BIOLOGICAL SCIENCES	5,907	2,203	371	1,979	1,319	2	33
PSYCHOLOGY	5,319	2,561	1	2,685	64	------	8
STATISTICS	316	51	------	176	87	------	2
ECONOMICS	635	241	------	312	78	1	3
SOCIOLOGY	1,467	474	------	760	227	------	6
POLITICAL SCIENCE	474	207	------	251	14	------	2
ANTHROPOLOGY	222	209	1	8	4	------	------
LINGUISTICS	345	162	------	138	44	------	3

APPENDIX TABLE A-61. NUMBER OF WOMEN SCIENTISTS, BY FIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	27,833	14,505	1,882	1,134	1,807	3,381	563	72	229	3,639	621
CHEMISTRY	7,486	2,692	513	128	400	1,910	51	14	50	1,509	219
EARTH & MARINE SCIENCES	853	372	149	36	22	74	21	7	4	142	26
ATMOSPHERIC & SPACE SCIENCES	87	26	26	2	4	4	1	17	1	4	2
PHYSICS	1,156	644	114	2	29	133	11	1	2	192	28
MATHEMATICS	2,736	1,857	118	27	43	245	24	------	17	365	40
COMPUTER SCIENCES	792	130	78	19	54	394	7	3	9	92	6
AGRICULTURAL SCIENCES	38	13	7	2	2	6	------	1	2	5	------
BIOLOGICAL SCIENCES	5,907	3,817	393	228	443	296	42	20	41	480	147
PSYCHOLOGY	5,319	2,910	186	509	616	179	365	6	51	440	57
STATISTICS	316	81	101	27	18	49	1	1	6	24	8
ECONOMICS	635	319	102	49	22	55	7	------	2	69	10
SOCIOLOGY	1,467	927	58	78	84	20	19	1	24	198	58
POLITICAL SCIENCE	474	333	25	14	26	7	5	1	3	51	9
ANTHROPOLOGY	222	170	3	7	5	------	5	------	11	18	3
LINGUISTICS	345	214	9	6	39	9	4	------	6	50	8

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

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APPENDIX TABLE A-62. NUMBER OF WOMEN SCIENTISTS, BY FIELD AND PRIMARY WORK ACTIVITY, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL FIELDS	27,833	8,321	4,380	3,520	1,837	667	8,471	669	1,774	1,025	990	3,639	1,107
CHEMISTRY	7,486	2,565	1,569	789	334	105	1,452	603	51	195	433	1,509	344
EARTH & MARINE SCIENCES	853	169	112	57	38	15	253	14	7	144	39	142	47
ATMOSPHERIC & SPACE SCIENCES	87	29	22	7	7	4	6	------	1	31	5	4	4
PHYSICS	1,156	392	283	107	48	28	400	4	7	60	9	192	44
MATHEMATICS	2,736	269	88	155	137	44	1,633	10	47	101	73	365	101
COMPUTER SCIENCES	792	271	21	152	64	26	16	14	38	206	63	92	28
AGRICULTURAL SCIENCES	38	10	3	7	8	4	6	------	------	3	4	5	2
BIOLOGICAL SCIENCES	5,907	2,210	1,705	504	340	141	2,232	11	215	61	157	480	201
PSYCHOLOGY	5,319	1,647	223	1,371	535	144	1,028	3	1,349	29	117	440	171
STATISTICS	316	98	18	75	43	23	36	8	29	54	11	24	13
ECONOMICS	635	151	47	97	73	42	245	2	9	50	10	69	26
SOCIOLOGY	1,467	332	190	142	134	69	617	------	11	37	56	198	82
POLITICAL SCIENCE	474	76	55	19	51	13	251	------	5	16	8	51	16
ANTHROPOLOGY	222	43	31	12	8	6	134	------	------	10	------	18	9
LINGUISTICS	345	59	33	26	17	5	162	------	5	28	5	50	19

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

APPENDIX TABLE A-63. NUMBER OF WOMEN SCIENTISTS, BY FIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ALL FIELDS	27,833	1,324	5,099	5,397	3,383	2,411	2,044	1,377	932	576	535	4,755
CHEMISTRY	7,486	600	1,492	1,161	542	493	429	248	157	81	71	2,212
EARTH & MARINE SCIENCES	853	72	156	120	86	61	47	38	24	14	17	218
ATMOSPHERIC & SPACE SCIENCES	87	5	13	14	12	10	12	6	2	2	------	11
PHYSICS	1,156	65	266	215	144	96	59	43	44	27	24	173
MATHEMATICS	2,736	12	532	703	405	219	218	164	116	83	70	213
COMPUTER SCIENCES	792	1	135	336	152	70	30	14	2	------	------	52
AGRICULTURAL SCIENCES	38	4	9	4	5	3	4	2	2	1	------	4
BIOLOGICAL SCIENCES	5,907	237	1,072	1,144	810	588	477	393	247	148	141	650
PSYCHOLOGY	5,319	125	700	1,065	893	628	507	319	232	159	167	524
STATISTICS	316	4	45	77	39	32	38	32	22	9	2	16
ECONOMICS	635	8	125	107	59	52	77	46	33	15	14	99
SOCIOLOGY	1,467	113	321	242	125	90	81	37	14	15	13	416
POLITICAL SCIENCE	474	54	130	100	39	27	22	12	16	6	7	61
ANTHROPOLOGY	222	7	33	45	24	19	22	9	12	7	5	39
LINGUISTICS	345	17	70	64	48	23	21	14	9	9	3	67

APPENDIX TABLE A-64. MEDIAN ANNUAL SALARIES OF WOMEN SCIENTISTS, BY FIELD AND HIGHEST DEGREE, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	10,000	12,000	15,000	9,500	8,800	------	8,900
CHEMISTRY	9,000	11,500	------	9,300	8,500	------	8,800
EARTH & MARINE SCIENCES	9,500	11,800	------	9,000	9,000	------	------
ATMOSPHERIC & SPACE SCIENCES	11,300	------	------	------	11,000	------	------
PHYSICS	10,200	12,000	------	9,500	9,600	------	------
MATHEMATICS	9,400	11,000	------	8,800	10,000	------	------
COMPUTER SCIENCES	11,800	------	------	11,500	12,000	------	------
AGRICULTURAL SCIENCES	------	------	------	------	------	------	------
BIOLOGICAL SCIENCES	9,900	11,500	15,000	8,500	7,800	------	7,500
PSYCHOLOGY	11,500	12,600	------	10,500	10,500	------	------
STATISTICS	12,000	12,500	------	12,000	12,200	------	------
ECONOMICS	12,000	13,000	------	10,200	11,500	------	------
SOCIOLOGY	10,000	12,000	------	8,600	8,000	------	------
POLITICAL SCIENCE	9,700	11,000	------	8,500	------	------	------
ANTHROPOLOGY	11,000	11,000	------	------	------	------	------
LINGUISTICS	9,600	10,800	------	8,500	------	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX TABLE A-65. MEDIAN ANNUAL SALARIES OF WOMEN SCIENTISTS, BY FIELD AND TYPE OF EMPLOYER, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	10,000	9,600	10,200	12,200	10,600	10,000	10,300	15,000	10,000	11,500
CHEMISTRY	9,000	8,300	7,500	11,000	8,300	8,500	9,600	-------	8,800	-------
EARTH & MARINE SCIENCES	9,500	9,400	9,000	11,300	8,800	-------	9,400	-------	-------	-------
ATMOSPHERIC & SPACE SCIENCES	11,300	-------	-------	11,700	-------	-------	-------	-------	-------	-------
PHYSICS	10,200	8,800	9,600	13,000	-------	-------	11,800	-------	-------	-------
MATHEMATICS	9,400	8,700	8,700	12,500	-------	13,800	12,400	-------	-------	-------
COMPUTER SCIENCES	11,800	-------	10,300	12,900	-------	12,300	12,000	-------	-------	-------
AGRICULTURAL SCIENCES	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	9,900	9,100	10,000	11,800	10,500	9,400	10,000	-------	7,200	11,000
PSYCHOLOGY	11,500	10,800	12,000	14,200	11,500	11,100	12,000	15,000	12,000	-------
STATISTICS	12,000	-------	10,500	13,800	11,300	-------	12,000	-------	-------	-------
ECONOMICS	12,000	11,000	12,500	15,000	13,000	-------	11,000	-------	-------	-------
SOCIOLOGY	10,000	9,500	10,500	12,600	9,400	12,000	-------	-------	-------	-------
POLITICAL SCIENCE	9,700	9,500	10,000	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	11,000	11,000	10,500	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	9,600	10,000	9,300	-------	-------	7,200	-------	-------	-------	-------

APPENDIX TABLE A-66. MEDIAN ANNUAL SALARIES OF WOMEN SCIENTISTS, BY FIELD AND PRIMARY WORK ACTIVITY, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ALL FIELDS	10,000	10,200	9,500	11,000	13,400	14,400	9,200	10,000	9,000	11,500	10,500	10,000	10,800
CHEMISTRY	9,000	9,000	8,500	9,700	13,000	14,000	8,300	8,100	9,000	9,500	9,300	9,600	9,600
EARTH & MARINE SCIENCES	9,500	9,700	9,400	10,500	12,100	-------	9,500	9,000	-------	-------	10,400	8,000	-------
ATMOSPHERIC & SPACE SCIENCES	11,300	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHYSICS	10,200	12,000	12,000	12,200	15,300	-------	8,600	8,500	-------	-------	10,000	-------	-------
MATHEMATICS	9,400	12,300	11,100	12,600	13,500	15,000	8,700	8,200	-------	13,500	11,000	11,800	8,500
COMPUTER SCIENCES	11,800	12,000	-------	11,500	14,000	-------	-------	-------	-------	12,000	11,100	12,800	-------
AGRICULTURAL SCIENCES	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	9,900	10,000	10,000	10,500	12,000	14,000	9,000	10,100	-------	8,800	10,800	8,900	12,000
PSYCHOLOGY	11,500	11,300	11,500	11,100	14,000	14,100	10,200	12,000	-------	11,800	-------	11,500	12,000
STATISTICS	12,000	12,100	-------	12,000	14,900	-------	-------	-------	-------	-------	12,000	-------	-------
ECONOMICS	12,000	12,200	11,500	12,200	16,900	16,900	11,000	11,000	-------	-------	11,500	-------	-------
SOCIOLOGY	10,000	10,500	10,400	10,600	12,600	12,600	9,300	10,000	-------	-------	-------	-------	-------
POLITICAL SCIENCE	9,700	9,700	10,000	-------	12,200	-------	9,500	10,400	-------	-------	-------	-------	-------
ANTHROPOLOGY	11,000	11,000	-------	-------	-------	-------	11,000	10,000	-------	-------	-------	-------	-------
LINGUISTICS	9,600	9,300	-------	-------	-------	-------	10,000	-------	-------	-------	-------	-------	-------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

APPENDIX TABLE A-67. MEDIAN ANNUAL SALARIES OF WOMEN SCIENTISTS, BY FIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1968

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ALL FIELDS	10,000	7,500	8,300	9,600	10,900	12,000	12,000	12,400	12,000	12,600	12,100	10,000
CHEMISTRY	9,000	7,200	8,000	9,000	10,000	11,000	11,400	12,000	11,000	11,400	10,800	9,100
EARTH & MARINE SCIENCES	9,500	8,400	7,500	8,700	9,400	11,600	12,300	12,200	-------	-------	-------	9,700
ATMOSPHERIC & SPACE SCIENCES	11,300	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHYSICS	10,200	7,500	8,800	9,600	11,000	14,000	13,000	13,500	-------	-------	-------	-------
MATHEMATICS	9,400	-------	7,600	8,900	9,500	11,300	11,000	11,500	11,500	11,000	10,200	9,000
COMPUTER SCIENCES	11,800	-------	10,000	11,500	13,200	14,100	15,800	-------	-------	-------	-------	11,200
AGRICULTURAL SCIENCES	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	9,900	7,200	7,500	8,700	10,000	11,000	12,000	12,000	12,000	12,200	12,000	10,100
PSYCHOLOGY	11,500	8,900	9,600	10,700	11,600	12,500	13,000	13,000	12,700	14,000	13,000	11,100
STATISTICS	12,000	-------	10,000	11,000	12,500	13,200	13,700	13,500	-------	-------	-------	-------
ECONOMICS	12,000	-------	10,000	11,000	11,900	13,000	14,000	17,200	14,000	-------	-------	11,000
SOCIOLOGY	10,000	7,500	8,400	9,500	10,600	12,200	12,000	-------	-------	-------	-------	10,600
POLITICAL SCIENCE	9,700	8,200	8,800	9,500	11,900	-------	-------	-------	-------	-------	-------	9,600
ANTHROPOLOGY	11,000	-------	-------	10,400	-------	-------	-------	-------	-------	-------	-------	11,000
LINGUISTICS	9,600	-------	9,000	8,800	9,800	-------	-------	-------	-------	-------	-------	10,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

APPENDIX B

Technical Notes

General Methodology

The registration of scientists is carried out as a cooperative undertaking of the Foundation and 13 major professional societies.[1] For each discipline the societies develop a comprehensive mailing list compiled from membership lists, lists of nonmembers attending professional meetings, publication subscription lists, and alumni organization lists. Criteria defining professional standing in each field are established by the appropriate society to reflect standards generally accepted in the discipline. Prior to the biennial registration, the Foundation and the societies review the questionnaire to minimize the burden on the respondent, preserve continuity of the data, and meet requirements for manpower data. At the same time, the list of scientific specializations, which accompanies the questionnaire, is reviewed to reflect current and emerging disciplines.

On March 15, 1968, questionnaires like the one shown in appendix D were mailed by the societies to an estimated 555,000 individuals. Different editions of the questionnaires were used by the various societies, with similar formats but with particular items tailored specifically for the scientific group to receive the questionnaire. For example, each society identified those specialties appropriate to its field for inclusion on the back of its edition of the questionnaire.

Questionnaires were returned by 355,000 qualified scientists and potentially qualified individuals. The societies eliminated approximately 57,000 questionnaires as duplicates or not currently qualified so that about 298,000 scientists are represented in the data in this report.

Individuals are considered eligible for inclusion in the National Register if they have "full professional standing" based on academic training and work experience. The 3,423 individuals who reported no degree were included in the data because of work experience. As seen in appendix C, the eligibility criteria vary among the societies and these varying standards should be kept in mind in any comparison of fields.

The 1966 respondents were mailed a special 1968 questionnaire on which was printed information previously provided. This information included date and place of birth; citizenship; sex; place of secondary school graduation; foreign-area and foreign-language knowledge; and year, level, name of institution, and major and minor subject of degrees awarded. By demonstrating to these prior respondents that their information was retrievable and need not be reported again, it was hoped to reduce the burden on the respondent and improve the response rate. A comparison of returns in 1968 shows that, while 64 percent of the mailings to all individuals were returned, the updated questionnaires sent to 1966 registrants resulted in a 97-percent response and the questionnaires sent to previous nonrespondents and to individuals new to the mailing lists resulted in a 44-percent response. The higher response rate for updated questionnaires resulted, it would seem, partly from the reduced burden in completing the questionnaire and partly from the prior conditioning of previous respondents. In addition, previous respondents showed an improved response rate to individual questions. The proportion not answering any particular item on the questionnaire was smaller for registrants receiving updated questionnaires than for those receiving questionnaires with no information supplied. See appendix table B-1.

[1] Cooperating societies in 1968 included the American Anthropological Association, American Chemical Society, American Economic Association, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Political Science Association, American Psychological Association, American Sociological Association, Center for Applied Linguistics, Federation of American Societies for Experimental Biology, and, through these organizations, other specialized societies.

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APPENDIX TABLE B–1. *Percent not reporting characteristics in the 1968 National Register, updated vs. nonupdated questionnaires*

Characteristic	Percent not reporting		
	Total	Updated	Nonupdated
Date of birth [a]	....	....	1
Place of birth [a]	4	3	5
Place of secondary school graduation	6	6	6
Citizenship [a]	4	....	11
Highest degree [a]	1	1	2
Major subject [a]	3	3	2
Minor subject [a]	20	2	53
Employment status	3	3	4
Type of employer	2	1	2
Primary work activity	4	4	5
Second work activity	18	16	22
Federal support	8	6	10
Salary (full-time employed)	8	7	10
Income	12	11	15
Years of professional experience	14	12	17
Foreign-language knowledge [a]	4	2	10
Professional identification	9	9	9

[a] Updated items.

Coverage

Information on individual scientists, collected by the National Register on a voluntary basis, constitutes partial coverage of the scientific community. In 1968, 66 percent of the individuals on the mailing lists compiled by the cooperating societies returned questionnaires; 16 percent of the questionnaires processed were incomplete or showed less than full professional qualifications.

To determine whether there was a bias in the characteristics of nonrespondents, a systematic sample stratified by geographic location and scientific field was developed from a list of 162,351 unduplicated nonrespondents to the 1964 National Register. Abbreviated questionnaires were mailed to a sample of 2,439 nonrespondents, with a registered mail followup and a third mailing by airmail special delivery. Long-distance telephone calls were made to the remainder not responding. Of the total of 1,888 completed returns, 1,573 were qualified for inclusion according to the 1964 criteria for eligibility of the appropriate societies. The results of this study indicate that there were slight differences between the 223,854 qualified respondents and the estimated 135,800 qualified nonrespondents. As compared with the respondents, the qualified nonrespondents:

(1) show higher proportions in chemistry and agricultural sciences and lower proportions in biological sciences and psychology;
(2) have fewer Ph.D.'s and M.D.'s and more bachelor's degrees;
(3) are more often employed in industry and business or self-employed and less often employed in educational institutions;
(4) are more likely to be in management or administration or production and inspection and less likely to be in research and development; and
(5) are somewhat older.

It should be recognized that this study of nonrespondents did not account for those individuals who are on no mailing list and never received a questionnaire. A methodological study to determine the characteristics of this group is currently being conducted for the Foundation by the Bureau of the Census. The 1968 National Register data for the Madison, Wisc. metropolitan area are being matched with data from the Special Census of Population taken for the same area in May 1968. The target occupations will be matched with the National Register to determine the number and proportion of persons in those occupations who are in the National Register.

Comparisons with Other Data

An effective national scientific manpower information program should benefit from several different approaches to collecting data. Three primary sources are the Bureau of the Census, the Bureau of Labor Statistics, and the National Register, all of whose counts or estimates of scientists are different because of differences in fields included, reporting methodology, definitions, and time references, since these three systems are designed to meet different needs and are not based on identical populations.

The Bureau of the Census enumerates at decennial intervals the entire population and provides a benchmark for the number reporting in each broad occupation. The 1970 Census of Population should provide a current estimate of the scientific and technical population in the United States. Replies will be classified according to the Census occupational classification. Comparison of Census data with information from other data sources is complicated by the infrequency of the survey. At the present time the Current Population Survey of a sample of households, carried out on a monthly basis, provides insufficient occupational detail to compare with other counts of scientists.

The Bureau of Labor Statistics prepares estimates of the gross numbers of natural scientists employed, by broad occupation. These estimates, usually prepared annually, are based on surveys of employing establishments asked to report the number of employees working as scientists, according to BLS occupational definitions. It is recognized that employers' classification practices in adhering to these definitions are far from uniform, and they tend to produce statistical totals that conform to a payroll classification system rather more closely

than to a scientific qualification system. Estimates based on employer reporting usually define scientists as those whose jobs require at least a science baccalaureate degree or "equivalent training" and who are engaged in a scientific activity. Sometimes such counts are further limited to those engaged in research and development. An element of duplication may exist to the extent that scientists are engaged in more than one job.

The unique contribution of the National Register is the ability to provide greater detail on field of science, educational level, current employment and work activity, salary and income, and other characteristics which permit the interpretation of the totals reported by the Census and BLS.

Any single one of these data sources possesses weaknesses, many of which can be minimized by reference to other sources. For example, the Census of Population has suffered from occupational classification shortcomings which result in too few scientists and relatively too many engineers being counted. The Bureau of Labor Statistics establishment-based estimates provide correction factors for the data on engineers and the National Register provides correction factors for the data on scientists. These Bureau of Labor Statistics estimates have suffered from lack of detail on employee characteristics in terms of qualifications; the Register is particularly useful in providing this supplemental information. The principal weakness of the Register, as discussed earlier, is the incompleteness of coverage for which the Bureau of Labor Statistics can provide supplemental information. Reductions in the effect of these weaknesses in the data sources are continually being studied.

Longitudinal File

Since individual scientists furnished information to the National Register on educational, professional, and employment characteristics in 1954, 1956-58, 1960, 1962, 1964, 1966, and 1968, a basis exists for conducting statistical analyses from a longitudinal file covering such subjects as geographic mobility and career patterns in terms of training and employment. Approximately one million records have been matched by name, date of birth, and other selected information for all registrants in the 1954-1964 period. About 378,000 individuals are included in this file, of whom 50,000 responded in all collection periods between 1954 and 1964. With a minimum criterion of response at any two points in time, the number of usable records in the file is about 250,000. As resources permit, data from the 1966 and 1968 registrations will be incorporated into the file. It is estimated that about 550,000 individuals will be in the 1954-1968 file.

Concepts and Definitions

The user of National Register data should know that data presented on *scientific field* were derived from answers to question 19 on professional identification. The professional identification classification was developed from titles occurring most frequently on the returned questionnaires and is entirely independent of the specialties list. See sample of questionnaire and specialties list in appendix D. When a title like "Biochemist" was used, the respondent using such an interdisciplinary title was classified in the *field* biology or chemistry based on the data furnished by the individual to the society which qualified him for inclusion. For example, "Biochemists" who elected to respond to the American Chemical Society were qualified in chemistry based on ACS criteria, and those "Biochemists" who elected to respond to the Federation of American Societies for Experimental Biology were qualified in the biological sciences based on FASEB criteria.

The data on *scientific subfield* were derived from answers to the question asking the respondent to choose from the specialties list in appendix D the ". . . scientific specialty most closely related to your PRESENT principal employment. . . ." Respondents were also asked to "enter other scientific specialties in which you have competence." In cases where no employment specialty was indicated, the first competence specialty was used to classify the respondent in a subfield.

In past years both field and subfield data have been derived from answers to the question asking the respondent to choose from the specialties list "specialties in which you consider you have your greatest scientific competence, based on your total educational and work experience." Information on individuals' areas of scientific competence was collected, in earlier years and in 1968, to allow for the identification of experts in various specialties. Fields were derived from combinations of selected subfields for statistical purposes, but the user could recombine the subfields to generate field data, thus biochemistry could be made part of biology or chemistry. In 1968, since subfield and field data were derived from different questions, the user of these data should note that combinations of subfields will not add to fields. Appendix table B–2 shows the number of scientists by field, based on professional identification, and subfield of employment.

The basis for classifying scientists' fields was changed because many users pointed out that conceptually one's field should be broadly based and not limited to some specialized expertise. It was also pointed out that tabulation of subfields of current employment would facilitate comparisons of National Register data with other

APPENDIX TABLE B-2. NUMBER OF SCIENTISTS, BY SUBFIELD AND FIELD, 1968

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	SCIENTIFIC AND TECHNICAL FIELD															
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL SUBFIELDS	297,942	93,788	23,746	5,745	32,491	24,477	6,972	12,740	46,183	23,077	2,639	11,510	6,638	5,176	1,219	1,541
ANALYTICAL CHEMISTRY	8,430	8,420	2	-------	1	-------	-------	-------	7	-------	-------	-------	-------	-------	-------	-------
INORGANIC CHEMISTRY	3,920	3,917	2	-------	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ORGANIC CHEMISTRY	26,180	26,174	-------	-------	-------	2	-------	-------	4	-------	-------	-------	-------	-------	-------	-------
RELATED CHEMICAL SPECIALTIES	9,213	9,209	1	-------	2	-------	-------	-------	1	-------	-------	-------	-------	-------	-------	-------
AGRICULTURAL CHEMISTRY	1,230	1,230	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
FOOD SCIENCE AND TECHNOLOGY	2,746	2,739	-------	-------	-------	-------	-------	-------	7	-------	-------	-------	-------	-------	-------	-------
BIOCHEMISTRY	8,809	4,825	-------	-------	2	2	-------	9	4,271	-------	-------	-------	-------	-------	-------	-------
PHYSICAL CHEMISTRY	8,466	8,072	-------	-------	391	1	-------	-------	2	-------	-------	-------	-------	-------	-------	-------
CHEMISTRY, OTHER	24,948	24,595	19	6	58	16	-------	5	246	-------	-------	-------	3	-------	-------	-------
GEOCHEMISTRY	599	232	366	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
GEODESY	154	1	142	5	6	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
GEOLOGY	13,054	9	13,038	2	3	-------	-------	-------	-------	-------	-------	2	-------	-------	-------	-------
PALEONTOLOGY	885	-------	878	-------	-------	-------	-------	-------	7	-------	-------	-------	-------	-------	-------	-------
SOLID-EARTH GEOPHYSICS	2,873	2	2,686	5	171	3	5	-------	1	-------	-------	-------	-------	-------	-------	-------
GEOGRAPHY	2,633	-------	2,618	12	1	-------	-------	-------	-------	-------	-------	2	-------	-------	-------	-------
HYDROLOGY	982	2	900	75	3	1	1	-------	22	-------	-------	-------	-------	-------	-------	-------
OCEANOGRAPHY	722	2	478	165	53	1	-------	1	120	-------	-------	-------	-------	-------	1	1
EARTH SCIENCE, OTHER	1,471	61	1,164	13	62	25	1	23	1	-------	-------	-------	-------	-------	-------	-------
MARINE SCIENCE, OTHER	8	-------	3	4	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,127	3	25	718	378	2	1	-------	-------	-------	-------	-------	-------	-------	-------	-------
CLIMATOLOGY	336	-------	47	288	-------	-------	-------	-------	1	-------	-------	-------	-------	-------	-------	-------
WEATHER ANALYSIS AND FORECASTING	2,361	-------	7	2,353	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
METEOROLOGICAL AREA SPECIALIZATIONS	1,259	1	10	1,234	13	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
INSTRUMENTATION	269	-------	110	132	25	2	-------	-------	1	-------	-------	-------	-------	-------	-------	-------
SOLAR/PLANETARY SPECIALTIES	789	5	116	45	622	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ATMOSPHERIC SCIENCE, OTHER	350	45	7	208	49	12	1	6	21	-------	-------	1	-------	-------	-------	-------
SPACE SCIENCE, OTHER	27	-------	6	16	4	-------	-------	-------	1	-------	-------	-------	-------	-------	-------	-------
ACOUSTICS	1,296	-------	1	-------	1,285	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ATOMIC AND MOLECULAR PHYSICS	1,273	12	1	-------	1,260	-------	-------	-------	7	3	-------	-------	-------	-------	-------	-------
ELECTROMAGNETISM	1,281	9	-------	-------	1,272	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ELEMENTARY PARTICLES	1,677	-------	-------	-------	1,677	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MECHANICS	687	-------	-------	-------	682	5	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NUCLEAR PHYSICS	3,136	1	-------	-------	3,132	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OPTICS	2,785	36	-------	-------	2,742	-------	1	-------	4	2	-------	-------	-------	-------	-------	-------
PHYSICS OF FLUIDS	1,687	8	-------	1	1,677	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOLID STATE PHYSICS	4,054	8	5	-------	4,041	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
THERMAL PHYSICS	501	-------	2	-------	499	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHYSICS, OTHER	7,326	203	23	13	6,928	100	6	3	48	1	-------	1	-------	-------	-------	-------
ASTRONOMY	1,325	6	5	6	1,281	20	1	-------	6	-------	-------	-------	-------	-------	-------	-------
ELECTRONICS	1,504	2	1	-------	1,501	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ALGEBRA	1,857	1	-------	-------	1	1,846	4	-------	-------	-------	-------	4	1	-------	-------	-------
ANALYSIS AND FUNCTIONAL ANALYSIS	2,982	-------	-------	-------	2	2,961	27	-------	-------	-------	-------	11	1	-------	-------	-------
GEOMETRY	699	-------	-------	-------	-------	697	2	-------	-------	-------	-------	-------	-------	-------	-------	-------
LOGIC	387	-------	-------	-------	-------	375	11	-------	-------	-------	-------	-------	-------	-------	-------	-------
OPERATIONS RESEARCH	2,942	2	1	-------	175	2,194	408	-------	-------	-------	-------	1	-------	-------	-------	-------
NUMBER THEORY	299	-------	-------	-------	-------	298	-------	-------	-------	-------	-------	145	17	-------	-------	-------
NUMERICAL ANALYSIS	783	-------	-------	-------	1	703	72	-------	-------	-------	-------	1	-------	-------	-------	-------
TOPOLOGY	894	1	-------	-------	-------	890	2	-------	-------	-------	-------	7	-------	-------	-------	-------
PROBABILITY	547	-------	1	-------	1	449	16	-------	-------	-------	-------	1	-------	-------	-------	-------
MATHEMATICS, OTHER	7,849	144	23	16	245	6,970	106	5	34	2	287	80	13	1	1	2
COMPUTING THEORY	389	-------	-------	-------	2	211	176	-------	-------	-------	-------	-------	-------	-------	-------	-------
COMPUTER NUMERICAL PROCESSING	903	1	1	-------	7	466	387	-------	-------	-------	-------	41	-------	-------	-------	-------
COMPUTER NON-NUMERICAL PROCESSING	1,342	3	-------	-------	7	564	746	-------	-------	-------	-------	19	1	-------	-------	2
BUSINESS DATA PROCESSING	2,819	2	2	-------	3	1,599	1,137	-------	-------	-------	-------	63	13	-------	-------	-------
COMPUTER HARDWARE DESIGN	487	-------	-------	-------	8	306	173	-------	-------	-------	-------	-------	-------	-------	-------	-------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	4,272	1	-------	4	14	1,305	2,921	-------	-------	-------	-------	25	2	-------	-------	-------
COMPUTER SCIENCE, OTHER	2,702	505	113	103	672	563	544	11	58	39	21	56	6	2	-------	9
AGRONOMY	1,511	1	-------	-------	-------	-------	-------	1,189	321	-------	-------	-------	-------	-------	-------	-------
ANIMAL HUSBANDRY	928	1	-------	-------	-------	-------	-------	463	464	-------	-------	-------	-------	-------	-------	-------
FISH AND WILDLIFE	2,789	1	-------	-------	-------	-------	-------	1,916	872	-------	-------	-------	-------	-------	-------	-------
FORESTRY	6,338	1	-------	-------	-------	-------	-------	5,442	895	-------	-------	-------	-------	-------	-------	-------
RANGE MANAGEMENT	842	-------	-------	-------	-------	-------	-------	607	235	-------	-------	-------	-------	-------	-------	-------
HORTICULTURE	1,014	-------	-------	-------	-------	-------	-------	722	292	-------	-------	-------	-------	-------	-------	-------
SOIL SCIENCE	1,579	167	248	4	1	-------	-------	962	197	-------	-------	-------	-------	-------	-------	-------
AGRICULTURE SCIENCES, OTHER	1,029	38	8	1	12	1	-------	352	603	-------	-------	12	2	-------	-------	-------

APPENDIX TABLE B-2. NUMBER OF SCIENTISTS, BY SUBFIELD AND FIELD, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	SCIENTIFIC AND TECHNICAL FIELD															
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ANATOMY	889	------	------	------	------	------	------	2	886	1	------	------	------	------	------	------
BOTANY	2,161	1	2	------	------	------	------	26	2,132	------	------	------	------	------	------	------
ECOLOGY	1,875	2	1	------	------	------	------	175	1,697	------	------	------	------	------	------	------
ENTOMOLOGY	2,301	------	------	------	------	------	------	35	2,266	------	------	------	------	------	------	------
GENETICS	1,547	1	------	------	------	------	------	108	1,438	------	------	------	------	------	------	------
IMMUNOLOGY	1,144	15	------	------	------	1	------	2	1,126	------	------	------	------	------	------	------
MICROBIOLOGY	4,027	6	------	------	------	------	------	9	4,012	------	------	------	------	------	------	------
NUTRITION	1,062	6	------	------	------	------	------	34	1,022	------	------	------	------	------	------	------
PATHOLOGY	1,460	8	------	------	------	------	------	5	1,447	------	------	------	------	------	------	------
PHARMACOLOGY	1,743	9	------	------	------	------	------	------	1,734	------	------	------	------	------	------	------
PHYSIOLOGY	3,924	11	------	------	1	1	------	11	3,897	3	------	------	------	------	------	------
PLANT PATHOLOGY	1,172	------	------	------	------	------	------	27	1,145	------	------	------	------	------	------	------
VIROLOGY	1,008	6	------	------	------	------	------	1	1,001	------	------	------	------	------	------	------
ZOOLOGY	2,670	2	2	------	------	------	------	30	2,635	1	------	------	------	------	------	------
BIOPHYSICS	792	6	------	------	309	------	------	3	474	------	------	------	------	------	------	------
BIOLOGY, OTHER	10,815	742	15	2	65	19	6	323	9,597	24	10	2	5	4	1	------
CLINICAL PSYCHOLOGY	6,628	------	------	------	------	------	------	------	4	6,624	------	------	------	------	------	------
COUNSELING PSYCHOLOGY	2,329	------	------	------	1	------	------	------	------	2,328	------	------	------	------	------	------
DEVELOPMENTAL PSYCHOLOGY	963	------	------	------	------	------	------	------	------	960	------	------	3	------	------	------
EDUCATIONAL PSYCHOLOGY	2,379	------	------	------	------	------	------	------	------	2,378	------	------	------	------	------	1
ENGINEERING PSYCHOLOGY	573	------	------	------	------	------	------	------	------	573	------	------	------	------	------	------
GENERAL PSYCHOLOGY	189	------	------	------	------	------	------	------	------	189	------	------	------	------	------	------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,574	------	------	------	------	------	------	------	------	1,574	------	------	------	------	------	------
PERSONALITY	370	------	------	------	------	------	------	------	------	370	------	------	------	------	------	------
SCHOOL PSYCHOLOGY	2,138	------	------	------	------	------	------	------	------	2,138	------	------	------	------	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,421	------	------	------	1	------	------	------	4	2,416	------	------	------	------	------	------
PSYCHOMETRICS	581	------	------	------	------	------	------	------	------	581	------	------	------	------	------	------
SOCIAL PSYCHOLOGY	1,272	------	------	------	------	------	------	------	------	754	------	------	518	------	------	------
PSYCHOLOGY, OTHER	2,134	25	1	3	7	11	1	5	141	1,921	2	2	14	1	------	------
STATISTICS	3,148	70	7	4	45	906	102	16	64	13	1,871	46	3	1	------	------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,793	------	------	------	------	------	------	------	------	------	------	1,792	------	1	------	------
ECONOMIC GROWTH AND DEVELOPMENT	1,076	------	1	------	------	------	------	------	------	------	------	1,075	------	------	------	------
ECONOMIC STATISTICS	509	------	------	------	------	------	------	1	------	1	1	506	------	1	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,048	------	------	------	------	1	------	------	------	------	------	1,047	------	------	------	------
INTERNATIONAL ECONOMICS	508	------	1	------	------	------	------	------	------	------	------	507	------	------	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	1,930	------	2	2	8	11	4	------	1	------	------	1,901	1	------	------	------
INDUSTRIAL ORGANIZATION	664	1	2	------	------	------	1	------	------	------	------	660	------	------	------	------
AGRICULTURE - NATURAL RESOURCES	1,395	------	------	------	------	------	------	------	------	------	------	1,395	------	------	------	------
MANPOWER - LABOR - POPULATION	676	------	------	------	1	2	1	------	------	------	------	671	1	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	640	------	5	------	------	------	------	------	1	------	------	634	------	------	------	------
ECONOMICS, OTHER	1,295	112	37	5	13	20	7	34	49	2	10	986	5	14	1	------
SOCIO-CULTURAL THEORY	729	------	1	------	------	------	------	------	------	------	------	1	727	------	------	------
METHODOLOGY	580	------	------	------	------	------	------	------	------	------	------	------	572	------	------	------
DEMOGRAPHY AND POPULATION	320	------	1	------	------	1	------	------	3	4	1	------	311	------	------	------
RURAL-URBAN SOCIOLOGY	516	------	------	------	------	------	------	------	8	1	5	6	297	------	------	1
SOCIAL CHANGE AND DEVELOPMENT	369	------	2	------	------	------	------	------	------	3	------	------	363	1	------	------
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	2,059	------	------	------	------	------	------	------	------	6	------	2	2,049	2	------	------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	787	------	------	------	------	------	------	------	------	3	------	------	784	------	------	------
SOCIOLOGY, OTHER	754	6	3	1	4	1	------	18	19	8	2	4	679	7	1	1
POLITICAL THEORY	381	------	------	------	------	------	------	------	------	------	------	------	------	381	------	------
METHODOLOGY	117	------	------	------	------	------	------	------	------	------	------	------	------	117	------	------
PUBLIC POLICY	409	------	------	------	------	------	------	------	------	------	------	------	------	409	------	------
PUBLIC ADMINISTRATION	552	------	------	------	------	------	------	------	------	------	------	1	------	551	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	122	------	------	------	------	------	------	------	------	------	------	------	------	122	------	------
COMPARATIVE POLITICAL INSTITUTIONS AND BEHAVIOR	931	------	------	------	------	------	------	------	------	------	------	------	------	931	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	1,448	1	------	------	------	------	------	------	------	------	------	------	------	1,447	------	------
INTERNATIONAL LAW, ORGANIZATIONS, AND POLITICS	809	------	1	------	1	------	------	------	------	------	------	------	------	807	------	------
POLITICAL SCIENCE, OTHER	311	11	3	1	7	1	------	7	6	2	1	5	14	291	1	1

APPENDIX TABLE B–2. NUMBER OF SCIENTISTS, BY SUBFIELD AND FIELD, 1968--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	SCIENTIFIC AND TECHNICAL FIELD															
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ARCHEOLOGY/PREHISTORY	275	------	1	------	------	------	------	------	------	1	------	------	------	------	273	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	34	------	------	------	------	------	------	------	------	------	------	------	------	------	30	4
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	86	------	------	------	------	------	------	------	2	1	------	------	------	------	83	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	770	------	------	------	1	------	------	------	------	------	------	1	------	------	768	------
ANTHROPOLOGY, OTHER	95	2	2	------	------	------	------	1	8	1	------	1	25	1	52	2
APPLICATIONS TO LANGUAGE TEACHING	422	------	------	------	------	------	------	------	------	------	------	------	------	------	------	422
DESCRIPTIVE LINGUISTICS	326	------	------	------	------	------	------	------	------	------	------	------	------	------	------	326
GENERAL LINGUISTICS	86	------	------	------	------	------	------	------	------	------	------	------	------	------	------	86
HISTORICAL AND COMPARATIVE LINGUISTICS	211	------	------	------	------	------	------	------	------	------	------	------	------	------	------	211
LANGUAGE IN RELATION TO OTHER FIELDS	125	------	------	------	------	------	------	------	------	2	------	------	------	------	------	123
LANGUAGE POLICIES	6	------	------	------	------	------	------	------	------	------	------	------	------	------	------	6
LITERACY AND WRITING SYSTEMS	6	------	------	------	------	------	------	------	------	------	------	------	------	------	------	6
MECHANIZED APPLICATIONS	30	------	------	------	------	------	1	------	------	------	------	------	------	------	------	29
PHONETICS	31	------	------	------	------	------	------	------	------	------	------	------	------	------	------	31
LINGUISTICS, OTHER	301	11	3	------	3	2	------	1	4	2	------	3	3	4	------	265
OTHER SPECIALTIES	6,567	2,336	593	297	1,051	926	100	151	610	146	29	141	47	120	8	12

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1968.

statistics collected on occupational employment and earnings. A study [2] examined the effect on numbers, characteristics, and salaries of economists if members of the profession were defined in several different ways. The study showed that for economists a change from area of greatest competence to employment area would yield a group of "economists" of nearly the same total size, and with nearly the same average salary. The authors pointed out that ". . . because the boundaries between economics and other professions are fluid ones, it would seem wise to define an 'economist' as a professional level person who so regards himself. Thereby the changing concepts of the content and discipline of economics would be represented by the corresponding changes in the education, experience, current employment, and outlook of those who identified themselves as members of that profession. From this viewpoint, the test of an economist is not whether he claims (some or the greatest) competence in a particular narrow specialty which has been precoded as part of 'economics,' but rather whether the broad professional orientation of the person is allied to what he in his own time considers the economics profession to represent." Appendix table B–3 shows the different percent distributions by field that would have resulted from using different field definitions in 1966.

The specialties list reproduced in appendix D was

APPENDIX TABLE B–3. *Percent distribution of fields under various definitions, 1966*

Field	Definition		
	Greatest competence (specialty)	Professional identification	Employment (specialty)
Total	242,763	234,158	210,439
	Percent distribution		
Chemistry	27	31	23
Earth sciences	8	8	7
Meteorology	2	2	3
Physics	12	11	11
Mathematics	9	8	9
Agricultural sciences	4	4	4
Biological sciences	12	12	12
Psychology	8	8	8
Statistics	1	1	1
Economics	5	5	8
Sociology	1	1	2
Anthropology	([a])	([a])	([a])
Linguistics	([a])	([a])	([a])
Other	7	6	12

[a] Less than 0.5 percent.

NOTE: There were 8,605 scientists who did not report professional identification, 17,541 did not report employment specialty, and 14,783 were not employed and so did not report employment specialty.

[2] N. Arnold Tolles and Emanuel Melichar, "Studies of the Structure of Economists' Salaries and Income," *American Economic Review Supplement,* Vol. LVII, No. 5, December 1968.

available only in part to each respondent, identifying only those specialties appropriate to the particular field receiving that edition of the questionnaire. In previous years the respondent was free to choose from the entire specialties list which accompanied every questionnaire. This procedure was discarded because a review of over 1,000 specialties by each respondent was too burdensome. Examination of the 1966 data reveals that if respondents had been exposed only to part of the specialties list in 1966, about 9,800 or 4 percent of them would not have been able to find the specialty they preferred to select from the entire list.

No attempt was made to define many terms used in the questionnaire. The accepted understanding of terms within the scientific community at large was assumed to be how the scientist defined these terms for himself. Thus, each scientist decides for his own case the meaning of terms like "research and development," "professional experience," "biologist," or "crystallography." Nevertheless, certain terms and concepts as used in this report require some explanation to permit the effective use of these data. In using the National Register data presented in this report, the following definitions should be kept in mind.

(1) *Field and subfield:* The data on field were derived from answers to question 19 on professional identification; and subfield data were derived from answers to question 13 on employment specialization.

(2) *Age:* Derived from responses to question 1 on year of birth.

(3) *Employment status* (question 8): "Not employed" includes retired persons, housewives, and students, as well as 2,800 unemployed who reported that they were seeking employment.

(4) *Federal support:* Defined as an affirmative response to question 12: "Is ANY of your work being supported or sponsored by U.S. Government funds?" Those reporting Federal support were also asked to indicate whether their work was related to agriculture, atomic energy, defense, education, health, housing, international, natural resources, public works, rural development, space, transportation, or urban development programs. Of the 127,415 individuals receiving support, 37,036 reported support from more than one program.

(5) *Foreign language* (question 17): Tables show the number of scientists reporting knowledge in one or more of 99 individual languages grouped into 10 language families. The list of languages used by the National Register was provided by the Center for Applied Linguistics, one of the societies cooperating with the Foundation's National Register. Knowledge in at

least one foreign language was reported by 238,484 or 80 percent of the 297,942 registrants. Appendix table B–4 shows the number of individuals reporting knowledge of from one to nine foreign languages.

APPENDIX TABLE B–4. *Number of scientists, by number of foreign languages reported, 1968*

Number of languages	Number of scientists
1	80,446
2	107,652
3	39,894
4	8,146
5	1,314
6	511
7	227
8	150
9 or more	144

(6) *Geographic location:* State and Standard Metropolitan Statistical Area (SMSA) data were derived from the city and State of employment (question 9). Registrants not employed or not reporting place of employment were distributed by mailing address. An SMSA is defined as a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or "twin cities" with a combined population of at least 50,000. Adjacent counties are included in an SMSA if they are essentially metropolitan in character and are socially and economically integrated with the central city.[3]

(7) *Highest degree* (question 6): "Professional medical" includes M.D., D.D.S., D.V.M., etc. "Ph.D." or "doctorate" includes Ph.D., E.D., Sc.D. and those with both Ph.D. and M.D. Only earned degrees were counted; honorary degrees were not included. "Less than bachelor's degree" includes associate degrees. "No report" includes foreign degrees of unknown level.

(8) *Type of employer* (question 10): "Educational institutions" include universities, colleges, medical schools, junior colleges, secondary schools, and Federally Funded Research and Development Centers managed by educational institutions.

"Other government" includes State, local, regional, and international organizations.

"Nonprofit organizations" include nonprofit hospitals and clinics and Federally Funded Research and Development Centers managed by other nonprofit organizations.

"Industry and business" includes private industry, private weather service, private hospitals and clinics, and Federally Funded Research and Development Centers managed by profit organizations.

(9) *University and college teachers* include scientists employed in universities and colleges (question 10) who reported teaching as their first or second most important work activity (question 11).

(10) *Work activity* (question 11): First and second most important kinds of activities are reported in terms of working time devoted. "Applied research" includes clinical research/investigation, equipment or systems research, test development, and administration or interpretation of psychological tests. "Development" includes design. "Production and inspection" includes production, operations, maintenance, exploitation, processing, economic evaluation, quality control, inspection, technical services, testing, sales, marketing, purchasing, and estimating. "Consulting" includes clinical practice, counseling practice, and industrial or management consulting. "Exploration, forecasting, reporting" includes report or other technical writing, editing, textbook preparation, exploration, data compilation and processing, weather presentation, analysis (meteorological or climatological), forecasting, curatorial, and regional and urban planning.

(11) *Years of professional experience* (question 16) are grouped in 5-year intervals except for "one year or less" and "2-4 years" of experience. This was done to conserve space, facilitate analysis, and smooth variations caused by the natural tendency of individuals to round their years of experience to multiples of five. Thus, an individual with 4 years of experience may have reported it as 5, 21 years as 20, etc. There is a tendency for the years of experience data to cluster on multiples of 5, but no such clustering occurs in the age data because date of birth was used to develop tabulations for age.

Nonresponse to the years of experience question was large in 1968 with 14 percent of the registrants omitting this question. In 1964 and 1966 about 5 percent of the registrants failed to respond to this question.

The high nonresponse rate to this question should be studied in greater depth before generalizations are drawn from the years of experience data reported here. For some purposes the data on age may serve as an acceptable substitute.

Failure to report years of experience was systematic in that more than one-half the not employed registrants did not report; registrants in chemistry and sociology and bachelor's degree holders tended not to answer this question.

Median Salaries

Respondents were asked to report in question 14 to

[3] Executive Office of the President, Bureau of the Budget, *Standard Metropolitan Statistical Areas.* (Washington, D.C. 20402; Supt. of Documents, U.S. Government Printing Office, 1967), pp. 1-3.

the nearest $100 the basic annual salary associated with principal professional employment before deductions for income tax, social security, retirement, etc., but not including bonuses, overtime, summer teaching, or other payment for professional work.

The median was computed as the N/2th case from the lowest salary whenever an even number of individuals reported salary. A differentiation is made between calendar-year (11-12 months) and academic-year (9-10 months) salaries for scientists employed in educational institutions or working primarily in teaching. In comparing the median annual salaries of scientists among different types of employer, the median calendar-year salary should be used for those in educational institutions. Median salaries were computed only for full-time employed civilian scientists.

In some fields, especially mathematics, median salaries for bachelor's degree holders may be higher than for individuals with graduate degrees. This apparent inversion of expected relationships occurs largely because industry, which usually paid higher salaries than educational institutions, employed most of the mathematicians with a bachelor's degree or less; educational institutions, generally with a lower median salary, employed most of the Ph.D's. Moreover, the industrial employees who did not report advanced degrees consisted predominantly of the more experienced or managerial scientists who generally reported higher salaries.

The effect of type of employer, years of professional experience, highest academic degree, primary work activity, age, sex, and profession on salaries reported in the 1966 National Register was examined by the American Economic Association,[4] using multiple regression of the selected characteristics on salary. The greatest effect was exerted by the level of the highest academic degree held by the respondent. Almost equally important was the combined influence of type of employer and length of professional experience. Considerably less important than these factors, but still exerting major influences, were the profession and the primary work activity. Sex was of minor importance in explaining total salary variation, but only because of the relatively small proportion of women among the respondents. Age was relatively unimportant, once length of professional experience was already represented in the model.

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[4] Tolles, *op. cit.*, pp. 58-68.

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APPENDIX C

Criteria for Inclusion in the National Register

The cooperating societies identify individuals with "full professional standing" for inclusion in the National Register, whether or not they are members of a professional society. The following criteria for "full professional standing" were established in 1968 by the societies:

Chemist (American Chemical Society)—A bachelor's degree and current employment in an area of chemistry; or 10 years of professional experience in an area of chemistry.

Earth or marine scientist (American Geological Institute)—A bachelor's degree in an area of earth or marine science; or professional identification of geological scientist; or current employment in earth or marine science; and either enrolled currently in a Ph.D. program or 1 year of professional experience.

Atmospheric or space scientist (American Meteorological Society)—A degree in the atmospheric or space sciences; or professional membership in the American Meteorological Society, or 10 years of professional experience.

Physicist or astronomer (American Institute of Physics)—A bachelor's degree with 2 years of additional training or work experience; or the equivalent in professional experience.

Mathematician, statistician, or computer scientist (American Mathematical Society)—A bachelor's degree in mathematics, statistics, or computer science with 4 years of professional experience; or a master's degree with 2 years of professional experience; or a Ph.D.; or the equivalent in professional experience.

Biologist (American Institute of Biological Sciences)—A bachelor's degree in an area of biology with 2 years of professional experience; or a master's degree with 1 year of professional experience; or a Ph.D.; or the equivalent in professional experience.

Biomedical scientist (Federation of American Societies for Experimental Biology)—A Ph.D. in an area of human biology and engaged in research; or a professional medical degree and engaged in research; or the equivalent in professional experience.

Psychologist (American Psychological Association)—The completion of 2 years of graduate work in psychology and either employed in work or engaged in graduate study that is primarily psychological in character; or a master's degree in psychology from a recognized graduate school with 1 year of professional experience; or a Ph.D. based in part upon a psychological dissertation and conferred by a graduate school of recognized standing; or the equivalent in professional experience.

Economist (American Economic Association)—A bachelor's degree in economics with 2 years of professional experience; or a graduate degree in economics; or the equivalent in professional experience.

Sociologist (American Sociological Association)—A bachelor's degree in sociology or closely related field with 2 years of graduate training and either currently employed in a sociological field or enrolled in a graduate school; or a master's degree with either 1 year of professional experience or 1 additional year of graduate training; or a Ph.D.; or the equivalent in professional experience.

Political scientist (American Political Science Association)—A master's degree in political science or 2 years of graduate work with 1 year of professional experience; or a Ph.D. in political science; or substantial professional achievement in political science; or the equivalent in professional experience.

Anthropologist (American Anthropological Association)—A Ph.D. in anthropology; or the equivalent in professional experience.

Linguist (Center for Applied Linguistics)—A bachelor's degree in linguistics with evidence of continued activity in the field; or graduate training in linguistics; or employment in the field of linguistics; or professional identification of linguist supported by linguistic specializations; or the equivalent in professional experience.

APPENDIX D

Reproduction of 1968 Questionnaire and Specialties List

PLEASE DO NOT WRITE IN THIS COLUMN

FORWARD TO

1968 NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL

IN THE FIELD OF **CHEMISTRY** CONDUCTED BY THE

AMERICAN CHEMICAL SOCIETY

1155 SIXTEENTH STREET, N. W., WASHINGTON, D. C. 20036

AND THE NATIONAL SCIENCE FOUNDATION

And in other fields of science by the American Anthropological Association, American Economic Association, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Political Science Association, American Psychological Association, American Sociological Association, Center for Applied Linguistics, and the Federation of American Societies for Experimental Biology.

PLEASE PRINT ANSWERS IN DARK INK OR TYPE

PLEASE COMPLETE THE ENTIRE QUESTIONNAIRE. IF SELECTED INFORMATION AS FORWARDED BY YOU TO THE 1966 NATIONAL REGISTER HAS BEEN ENTERED, BE SURE ALL ENTRIES ARE CORRECT.

PLEASE BE SURE YOUR NAME AND ADDRESS ARE CORRECT AND YOUR POSTAL ZIP CODE IS INDICATED.

NOTE: If you have received and completed a National Register questionnaire from one of the other organizations listed above since March 1, 1968, please write the name of the organization here .....
Please complete item 1; give your social security number, date, and signature below, and return in the enclosed envelope.

VITA:

1. DATE OF BIRTH Month	Day	Year	2. STATE OR FOREIGN COUNTRY OF BIRTH	3. STATE OR FOREIGN COUNTRY OF SECONDARY SCHOOL GRADUATION	4. SEX
					☐ 1 - MALE ☐ 2 - FEMALE

5. CITIZENSHIP

☐ 6 - USA ☐ 9 - NON-USA (specify country) .....

EDUCATION:

6. COLLEGE, UNIVERSITY, OR OTHER INSTITUTION (Include city and state)	EARNED DEGREE, IF ANY	YEAR OF DEGREE	MAJOR	MINOR

7. If you are a student, check your status.

☐ 6 - Student, full-time ☐ 7 - Student, part-time

PROFESSIONAL EMPLOYMENT:

8. Check your employment status.

☐ 1 - Employed full-time ☐ 2 - Employed part-time ☐ 3 - Unemployed and seeking employment ☐ 4 - Not employed and not seeking employment ☐ 5 - Retired

9. Please give name of present principal employer (if self-employed write in "self"), actual place of employment, and title of present position.

..... Name of present principal employer

..... Actual place of employment (city and state)

..... Title of present position

..... Rank if employed by a university, college, or junior college

10. Check the box of the category which is most appropriate for your present principal employer (check only one).

☐ 1 - PRIVATE INDUSTRY OR BUSINESS
☐ 9 - SELF-EMPLOYED
☐ 2 - COLLEGE OR UNIVERSITY, OTHER THAN MEDICAL SCHOOL
☐ 5 - MEDICAL SCHOOL
☐ 10 - JUNIOR COLLEGE
☐ 6 - SECONDARY OR ELEMENTARY SCHOOL SYSTEM
☐ 3 - FEDERAL GOVERNMENT—CIVILIAN EMPLOYEE
☐ 8 - USPHS, MILITARY SERVICE—ACTIVE DUTY
☐ 4 - STATE GOVERNMENT
☐ 14 - OTHER GOVERNMENT AGENCY (specify) .....
☐ 15 - NONPROFIT HOSPITAL OR CLINIC
☐ 7 - NONPROFIT ORGANIZATION, OTHER THAN HOSPITAL, CLINIC, OR EDUCATIONAL INSTITUTION
☐ OTHER (specify) .....

If additionally employed, enter on the line at the right the category most appropriate to that employer .....

11. Number your first and second most important kind of activity, in terms of working time devoted, by entering "1" and "2" on the appropriate lines below.

..... 35 - MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT
..... 36 - MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT
..... 5 - BASIC RESEARCH
..... 7 - APPLIED RESEARCH
..... 8 - TEACHING
..... 13 - REPORT OR OTHER TECHNICAL WRITING, EDITING
..... 4 - DEVELOPMENT
..... 6 - PRODUCTION, OPERATIONS, MAINTENANCE, PROCESSING, ECONOMIC EVALUATION
..... 25 - CONSULTING (specify) .....
..... 9 - QUALITY CONTROL, INSPECTION, TESTING, TECHNICAL SERVICES
..... 30 - SALES, MARKETING, PURCHASING, ESTIMATING
..... OTHER (specify) .....

12. Is ANY of your work being supported or sponsored by U. S. Government funds? ☐ Yes ☐ No ☐ Don't know
If yes, is your work related to any of the following programs:

☐ A - Agriculture
☐ B - Atomic energy
☐ C - Defense
☐ D - Education
☐ E - Health
☐ F - Housing
☐ G - International
☐ H - Natural resources
☐ J - Public works
☐ K - Rural development
☐ L - Space
☐ M - Transportation
☐ N - Urban development
☐ Other program (specify) .....

PROFESSIONAL EMPLOYMENT CONTINUED

PLEASE DO NOT WRITE IN THIS COLUMN

13. From the specialties list (see overleaf), select and enter both the number and scientific specialty most closely related to your PRESENT principal employment; or write in your specialty if it is not on the list.

Number ..... Specialty Title .....

Also enter other scientific specialties in which you have competence.

one: ..... Number ..... Specialty Title ..... three: ..... Number ..... Specialty Title .....

two: ..... Number ..... Specialty Title ..... four: ..... Number ..... Specialty Title .....

NOTE: Salary and income information is regarded as confidential and will be used for statistical purposes only. It will NOT be released in any way that will allow it to be identified with you.

14. 1968 BASIC ANNUAL SALARY: Please give the basic annual salary associated with your principal professional employment to the nearest hundred dollars.

$.....

If academically employed, check whether salary is for ☐ 9-10 mos. or ☐ 11-12 mos.

(Basic Annual Salary is your annual salary before deductions for income tax, social security, retirement, etc., but does not include bonuses, overtime, summer teaching, or other payment for professional work. Do not include rental or subsistence allowances.)

15. ESTIMATED GROSS ANNUAL PROFESSIONAL INCOME (Jan. 1 to Dec. 31, 1968): Please give your estimated gross income from all professional activities for the year.

$.....

(Gross Annual Professional Income is ALL payment received for professional activities including basic salary before deductions, plus bonuses, royalties, fees, honoraria, etc.)

16. How many years of professional work experience, including teaching, have you had? ☐

LANGUAGE AND AREA KNOWLEDGE:

17. FOREIGN LANGUAGE: List the languages (other than English) in which you have competence and indicate your proficiencies. If you have no foreign language competence, check here.☐

NAME OF LANGUAGE(S)	PROFICIENCY								
	CAN PREPARE AND DELIVER LECTURES		CAN CONVERSE		HAVE FACILITY TO TRANSLATE TECHNICAL JOURNALS		CAN READ TECHNICAL ARTICLES FOR OWN USE		SOME KNOWLEDGE BUT CAN'T USE AS A MEDIUM OF COMMUNICATION
	EASILY 1	WITH DIFFICULTY 2	FLUENTLY 3	PASSABLY 4	INTO ENGLISH 5	FROM ENGLISH 6	EASILY 7	WITH DIFFICULTY 8	9

18. AREA KNOWLEDGE: List the foreign countries of which you have a knowledge gained by residence or research.

COUNTRY	TOTAL YEARS RESIDENCE	YEAR LAST VISITED	NATURE OF YOUR KNOWLEDGE

PROFESSIONAL IDENTIFICATION:

19. I regard myself professionally as a (an):

.....

20. SOCIETY MEMBERSHIP: Check the appropriate boxes for all Societies of which you are a member. For write-ins include only national professional societies and use identifying words in full:

☐ A - AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
☐ B - AMERICAN CHEMICAL SOCIETY
☐ C - AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
☐ D - AMERICAN INSTITUTE OF CHEMISTS
☐ E - INSTITUTE OF FOOD TECHNOLOGISTS
☐ T - OTHER (specify) .....
☐ Z - NONE

21. Please give a mailing or forwarding address through which you can always be reached if different from address above.

..... C/O Number Street City State Zip Code

DATE PREPARED:

SOCIAL SECURITY ACCOUNT NO.

SIGNATURE: (Please Sign Full Name)

CHEM

SPECIALTIES LIST FOR USE WITH 1968 NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL

This specialties list is the latest presentation of scientific specializations used with the National Register developed by the National Science Foundation with the aid of many committees of scientists representing all areas of science. These committees reviewed the 1966 specialties list and considered the addition of emerging specialties and the elimination of those that were no longer appropriate. Individuals responding to the National Register use this list to classify their employment and competence in scientific areas.

To obtain a complete listing of specializations and subfields for a particular discipline, a review of appropriate sections of the list should be made; several subfields of an interdisciplinary nature are repeated under different discipline headings to facilitate such a review.

ATMOSPHERIC, EARTH, MARINE, AND SPACE SCIENCES

Atmospheric structure and dynamics
19919—Aeronomy
19927—Air-sea interaction
19935—Atmospheric chemistry and radioactivity
19943—Atmospheric dynamics, thermodynamics
19950—Atmospheric electricity
19968—Atmospheric optics and acoustics
19976—Aurora, airglow
19984—Cloud and precipitation physics
20016—Cosmic rays
20024—Ionosphere
20032—Mesometeorology
20040—Micrometeorology
20057—Numerical modeling
20065—Planetary atmospheres
20073—Radiative transfer
20081—Turbulence and diffusion
20099—Other (specify)

Climatology
00315—Analytical climatology
00323—Applied climatology
00331—Bioclimatology
00349—Microclimatology
00356—Paleoclimatology
00364—Physical climatology
00372—Regional climatology
00398—Other (specify)

Meteorological area specializations
00513—Agricultural meteorology
00521—Air pollution
00539—Hydrometeorology
00547—Industrial meteorology
00554—Marine meteorology
00562—Polar meteorology
00570—Radar and radio meteorology
00588—Rocket meteorology
00612—Satellite meteorology
00620—Tropical meteorology
00638—Weather modification
00695—Other (specify)

Solar/Planetary specialties
20719—Aeronomy
20727—Aurora, airglow
20735—Cosmic rays
20743—Geomagnetism
20750—Interplanetary particles and fields
20768—Ionosphere
20776—Lunar and planetary geophysics/geology
20784—Magnetospheric particles and waves
20818—Planetary atmospheres
20826—Solar physics
20834—Tektites and meteorites
20891—Other (specify)

Weather analysis and forecasting
00414—Extended forecasting
00422—Numerical prediction (short range)
00430—Observing—briefing
00448—Operational forecasting (short range)
00497—Other (specify)

Geochemistry
20115—Cosmochemistry
20123—General inorganic geochemistry
20131—Marine geochemistry
20149—Mineral synthesis and stability relations of minerals
20156—Organic geochemistry
20164—Radioisotopes
20172—Stable isotopes
20198—Other (specify)

Geodesy
05819—Geodetic surveying
05827—Gravity
05835—Geodetic astronomy; navigation
05892—Other (specify)

Geography
06312—Biogeography
06320—Cartography
06338—Cultural geography
06346—Economic geography
06353—Geography of resources
06361—Historical geography
06379—Land use
06387—Location theory
06411—Military geography
06429—Physical geography
06437—Political geography
06445—Regional geography (specify region)
06452—Urban geography
06494—Other (specify)

Instrumentation
06718—Geodetic
06726—Hydrologic
00711—Meteorological
06734—Oceanographic
00729—Rocket and space craft
06742—Seismic, geomagnetic, and gravity
06791—Other (specify)

Geology
05918—Geology of petroleum deposits
05926—Field geology
05934—Geology of mineral deposits
05942—Stratigraphy
05959—Engineering geology
05967—Structural geology
05975—Petrology
05983—Sedimentology
06015—Mineralogy and crystallography
06023—Geomorphology
06031—Glacial geology
06049—Photogeology
06056—Coal geology
06064—Environmental geology
06072—Geomechanics; rock mechanics
06080—Geohydrology
06114—Marine geology
06122—Astrogeology
06197—Other (specify)

Hydrology
06510—Erosion and sedimentation
06528—Evaporation and transpiration
06536—Glaciology
06544—Ground water
06551—Precipitation
06569—Quality of water
06577—Snow, ice, and permafrost
06585—Soil moisture
06619—Surface waters
06692—Other (specify)

Solid-earth geophysics
20917—Exploration seismology
20925—Exploration geophysics, gravity
20933—Exploration geophysics, magnetic
20941—Geomagnetism and electricity
20958—Gravity
20966—Marine geophysics
20974—Physical properties of natural materials
20982—Seismic waves
21014—Tectonics (including heat flow)
21022—Volcanology
21097—Other (specify)

Oceanography
03012—Biological oceanography
03020—Chemical oceanography
03038—Descriptive oceanography
03046—Hydrography
03053—Ocean-bottom processes
03061—Physical oceanography
03079—Sea-air interactions
03087—Shore and near shore processes
03111—Underwater sound
03194—Other (specify)

Paleontology
06213—Micropaleontology
06221—Paleobotany
06239—Paleoecology
06247—Paleontology, invertebrate
06254—Paleontology, vertebrate
06262—Palynology
06296—Other (specify)

Soil specialties
12419—Fertility, management
12427—Soil microbiology
12435—Soil chemistry
12443—Soil conservation
12450—Soil genesis, classification, and mapping
12468—Soil mechanics and engineering
12476—Soil mineralogy
12484—Soil physics
12492—Other (specify)

00893—Atmospheric science, other (specify)
06890—Earth science, other (specify)
06874—Marine science, other (specify)
06882—Space science, other (specify)

CHEMISTRY

Agricultural chemistry
02519—Animal feeds
02527—Fertilizer processing
02535—Pesticides; insecticides, herbicides, fungicides
02543—Plant growth regulators
02592—Other (specify)

Analytical chemistry
00919—Absorption spectroscopy
00927—Biochemical analysis
00935—Chemical microscopy
00943—Chromatographic analysis
00950—Clinical chemistry
00968—Distillation analysis
00976—Electrochemical analysis
00984—Electron microscopy
01016—Extraction analysis
01024—Fluorimetry, phosphorimetry, and infra-red and Raman spectroscopy
01032—Gas analysis
01040—Gravimetry
01057—Magnetic resonance spectroscopy
01065—Mass spectroscopy
01073—Microchemical analysis
01081—Nucleonics and radiochemistry
01115—Neutron activation
01123—Pharmaceutical analysis
01131—Spectrochemical analysis
01198—Other (specify)

Biochemistry
10017—Amino acids, peptides, proteins
10025—Antimetabolites
10033—Biochemical mechanisms
10041—Carbohydrates
10058—Cyto-histochemistry
10066—Endocrines
10074—Enzymes, coenzymes
10082—Fermentation
10116—Intermediary metabolism, biosynthesis
10124—Lipids, (phospho-, glyco-, fats, oils)
10132—Medicinal chemistry
10140—Microbial processes, synthesis
10157—Microbiological chemistry
10165—Nucleic acids (purines, pyrimidines)
10173—Oncology, carcinogenesis
10181—Photosyntheses
10215—Physical biochemistry
10223—Steroids and steroid metabolism
10231—Technology, methodology
10249—Vitamins
10298—Other (specify)

Food science and technology
02618—Additives; flavor, color, antioxidant, preservative, stabilizer
02626—Chemical properties of foods
02634—Fermentation
02642—Food processing
02659—Mass and heat transfer
02667—Microbiological properties of foods
02675—Nutritional properties of foods
02683—Physical propertjes of foods
02717—Sanitation
02790—Other (specify)

Geochemistry
20115—Cosmochemistry
20123—General inorganic geochemistry
20131—Marine geochemistry
20149—Mineral synthesis and stability relations of minerals
20156—Organic geochemistry
20164—Radioisotopes
20172—Stable isotopes
20198—Other (specify)

Inorganic chemistry
01214—Actinide chemistry
01222—Boron and silicon compounds; asbestos, clay, glass, etc.
01230—Carbon, germanium, lead, tin; includes graphite, etc.
01248—Coordination compounds
01255—"Electron deficient" compounds; boron hydrides, metal alkyls, etc.
01263—Electropositive elements and their compounds (alkalies and alkaline earths, building products, etc.)
01271—Equilibrium and thermodynamic relationships in inorganic systems
01289—Hydrogen and the hydrides; high energy fuels
01313—Inner transition elements
01321—Inorganic materials useful as solid state electronic devices; semi-conductors, etc.
01339—Inorganic polymers
01347—Mechanism of inorganic reactions; reaction kinetics
01354—Nonmetals; halogen, oxygen, and nitrogen families, high energy oxidizers
01362—Nuclear chemistry and radiochemistry
01370—Organometallic compounds
01388—Solutions and solvent theory; nonbacteriological aspects of water chemistry
01412—Structure of inorganic compounds; crystallography, spectroscopy, etc.
01420—Synthesis of inorganic materials
01438—Synthetic or transuranium elements
01446—Theoretical inorganic chemistry; ligand field theory, molecular orbital theory, ionic models, theory of metals, etc.
01453—Transition elements
01495—Other (specify)

Organic chemistry
01511—Adhesives
01529—Alkaloids
01537—Amino acids, peptides, proteins
01545—Antibiotics
01552—Aromatic hydrocarbons and derivatives
01560—Bicyclic and small ring chemistry
01578—Carbenes and carbenoid chemistry
01586—Carbohydrates
01610—Cellular plastics
01628—Dyestuffs
01636—Elastomers and related products
01644—Emulsions
01651—Explosives, fuels, propellants
01669—Fluorine compounds
01677—Free radicals
01685—Heterocycles
01719—Mass spectroscopy
01727—Nuclear magnetic resonance
01735—Oils, fats, waxes
01743—Organometallics; boron, aluminum, tin, lead, etc.
01750—Organometallics; alkali and alkaline earth derivatives
01768—Organophosphorus chemistry
01776—Organosilicon chemistry
01784—Organosulfur chemistry
01818—Petroleum chemicals
01826—Petroleum fuels
01834—Petroleum lubricants
01842—Pharmaceuticals
01859—Photochemistry
01867—Photo products
01875—Plastics and synthetic resins
01883—Polymers
01917—Protective coatings
01925—Reaction mechanisms; additions, eliminations, substitutions
01933—Reaction mechanisms; rearrangements
01941—Rubber
01958—Soaps, detergents, surfactants
01966—Stereochemistry and conformational analysis
01974—Steroids
01982—Structure of organic molecules
02014—Synthetic pesticides; insecticides, herbicides, fungicides
02022—Synthetic processes, including specialty syntheses
02030—Synthetic sequences
02048—Terpenes and essential oils
02055—Textiles and related products
02063—Transition and noble metals in synthesis, catalysis, etc.
02071—Wood, paper, cellulose
02097—Other, (specify)

Physical chemistry
20214—Catalysis and surface chemistry
20222—Chemical and phase equilibria
20230—Chemical kinetics; gas phase and photochemistry
20248—Chemical kinetics; liquid phase
20255—Colloid chemistry
20263—Crystallography
20271—Electrochemistry
20289—Energy transfer and relaxation processes
20313—Flames and explosives
20321—Fused salts
20339—High temperature chemistry
20347—Ion exchange and membrane phenomena
20354—Isotope effects
20362—Liquid state and solutions; electrolytes and non-electrolytes
20370—Molecular spectroscopy
20388—Molecular structure
20412—Nuclear and radiochemistry
20420—Polymers in bulk; morphology, phase transitions, rheology, and mechanical properties
20438—Polymers in solution; thermodynamics, hydrodynamics, and spectroscopy
20446—Quantum and valence theory
20453—Radiation and hot-atom chemistry
20461—Solid state chemistry
20479—Statistical mechanics
20487—Thermodynamics and thermochemistry
20495—Other (specify)

Related chemical specialties
02113—Adsorption and absorption
02121—Air pollution
02139—Chemical economics
02147—Chemical separation
02154—Combustion
02162—Corrosion and preservation
02170—Electrochemical operations
02188—Energy economics
02212—Fluid flow
02220—Fuels
02238—Heat transfer
02246—Instrumentation
02253—Mass transfer
02261—Materials
02279—Measurement and control
02287—Mechanical separation
02311—Metallurgy
02329—Mixing
02337—Nuclear processes
02345—Operational analysis
02352—Packaging
02360—Petroleum processes
02378—Pilot plant
02386—Plant and process design
02410—Quality control and standards
02428—Water pollution
02436—Water and waste chemistry
02493—Other (specify)

Other specialties
02816—Abstracting
02824—Chemical engineering
02832—Education
02840—History of chemistry
02857—Indexing
02865—Information retrieval
02873—Library
02881—Chemical literature
02915—Marketing
02923—Nomenclature, symbolism
02931—Patents
02949—Teaching chemistry
02998—Other (specify)

PHYSICS AND ASTRONOMY

Acoustics
03210—Applied acoustics, instruments and apparatus
03228—Architectural acoustics
03236—Ear and hearing
03244—Electroacoustics
03251—Infrasonics
03269—Mechanical vibrations and shock
03277—Musical instruments and music
03285—Noise
03319—Speech communications
03327—Theory of waves and vibrations
03335—Ultrasonics
03343—Underwater sound
03392—Other (specify)

Atomic and molecular physics
03418—Atomic, ionic, and molecular beams
03426—Atomic masses and abundance
03434—Atomic structure and spectra
03442—Chemical bonds and structure
03459—Electron paramagnetic resonance
03467—Impact and scattering phenomena
03475—Mass spectroscopy
03483—Molecular structure and spectra
03517—Nuclear magnetic resonance
03590—Other (specify)

Biophysics
10314—Bioacoustics
10322—Bioelectricity
10330—Bio-optics
10348—Biosystems, control communications
10355—Biothermics and bioenergetics
10363—Biotransport, membrane physics
10371—Cellular
10389—Crystallography
10413—Methodology
10421—Molecular
10496—Other (specify)

Electromagnetism
03616—Antenna theory
03624—Electrical measurements and instruments
03632—Electromagnetic waves
03640—Electromagnetic wave propagation
03657—Electron dynamics
03665—Electron microscopy, ion optics
03673—Gas discharge
03681—Magnetism
03715—Masers and such devices
03723—Microwaves
03731—Physical electronics
03749—Quantum electronics
03756—X-ray interactions
03764—X-ray phenomena
03772—X-ray technology
03798—Other (specify)

Electronics
03814—Electron ballistics
03822—Electron tubes
03830—Electronic device circuitry
03848—Electronics instrumentation
03855—Electron emission
03863—Gas devices
03871—Gaseous electronics
03889—Semiconductor devices
03913—Solid state electronics
03996—Other (specify)

Elementary particles
04010—Cosmic rays
04028—High energy accelerators
04036—High energy phenomena
04044—Particle detectors
04051—Phenomenological computer analysis
04093—Other (specify)

Mechanics
04119—Analytical mechanics
04127—Ballistics and flight dynamics
04135—Elasticity
04143—Friction
04150—High pressure physics
04168—Impact phenomena
04176—Instruments and measurements
04192—Other (specify)

Nuclear physics
04218—Accelerators, detectors
04226—Neutrons
04234—Nuclear properties
04242—Nuclear reactions and scattering
04259—Nuclear spectroscopy
04267—Radiation effects
04275—Radioactive materials, isotopes
04283—Reactors
04317—Shielding
04390—Other (specify)

Optics
04416—Atmospheric and space optics
04424—Color, colorimetry
04432—Fiber optics
04440—Geometrical optics
04622—Holography
04457—Information theory, communications, image evaluation
04465—Infrared phenomena
04473—Interferometry
04481—Lasers
04515—Lenses
04523—Optical instruments, techniques, and devices
04531—Optical materials
04549—Photography, illumination
04556—Physical optics
04564—Physiological optics
04572—Properties of thin films
04580—Radiometry, photometry
04614—Spectroscopy
04697—Other (specify)

Physical chemistry
20214—Catalysis and surface chemistry
20222—Chemical and phase equilibria
20230—Chemical kinetics; gas phase and photochemistry
20248—Chemical kinetics; liquid phase
20255—Colloid chemistry
20263—Crystallography
20271—Electrochemistry
20289—Energy transfer and relaxation processes
20313—Flames and explosives
20321—Fused salts
20339—High temperature chemistry
20347—Ion exchange and membrane phenomena
20354—Isotope effects
20362—Liquid state and solutions: electrolytes and non-electrolytes
20370—Molecular spectroscopy
20388—Molecular structure
20412—Nuclear and radiochemistry
20420—Polymers in bulk; morphology, phase transitions, rheology, and mechanical properties
20438—Polymers in solution; thermodynamics, hydrodynamics, and spectroscopy
20446—Quantum and valence theory
20453—Radiation and hot-atom chemistry
20461—Solid state chemistry
20487—Thermochemistry
20495—Other (specify)

Physics of fluids
04713—Aerodynamics
04721—Aerosols
04739—Boundary layer effects
04747—Cavities and jets
04754—Compressible fluid dynamics
04762—Explosion phenomena
04770—High temperature flow
04788—Incompressible fluid dynamics
04812—Magneto fluid dynamics
04820—Plasma physics
04838—Rarefied gas flow
04846—Rheology (including plastic flow)
04853—Shock wave phenomena
04861—Structure and properties of fluids
04879—Superfluidity
04887—Transport phenomena, diffusion
04911—Turoulence
04929—Viscosity
04994—Other (specify)

Solid state physics
05017—Ceramics
05025—Cooperative phenomena
05033—Crystallography
05041—Dielectrics (including fluids)
05058—Dislocations and plasticity
05066—Dynamics of crystal lattices
05074—Electrical properties of surfaces and junctions
05082—Electron emission
05116—Ferromagnetism
05124—High polymers and glasses
05132—Internal friction
05140—Lattice effects and diffusion
05157—Luminescence
05165—Optical properties
05173—Paramagnetism and diamagnetism
05181—Photoconductivity and related phenomena
05215—Photoelectric phenomena
05223—Piezoelectricity and ferroelectricity
05231—Quantum mechanics of solids
05249—Radiation damage
05256—Resonance phenomena
05264—Semiconductors
05272—Superconductivity
05280—Surface structure and kinetics
05314—Thermal conduction in solid state
05322—Thin films
05397—Other (specify)

Thermal physics
05413—Calorimetry
05421—Heat transmission
05439—High temperature physics
05447—Low temperature physics
05454—Temperature and its measurement
05462—Thermal properties
05470—Thermodynamics
05488—Thermodynamic relations, equations of state
05512—Thermodynamic tables
05595—Other (specify)

Other physics specialties
05611—Constants, standards, units, metrology, conversion factors
05629—Energy conversion problems
05637—Field theory
05645—High vacuum techniques
05652—Kinetic theory
05660—Many body theory
05678—Mathematical physics
05686—Mossbauer effect
05710—Physical metallurgy
05728—Physical properties of materials
05736—Quantum mechanics
05744—Radiation and health physics
05751—Relativity and gravitation
05769—Statistical mechanics
05777—History of physics and/or astronomy
05785—Teaching of physics and/or astronomy
05793—Other (specify)

Astronomy
00018—Astrometry
00026—Astrophysics
00034—Celestial mechanics
00042—Comets, meteors, interplanetary medium
00059—Cosmology and cosmogony
00067—Design of astronomical instruments
00075—Galaxies
00083—Navigation, geodetic astronomy
00117—Origin of cosmic rays
00125—Photometry of astronomical sources
00133—Physics of the interstellar medium
00141—Planets, satellites
00158—Radio astronomy
00166—Space astronomy
00174—Spectroscopy of astronomical sources
00182—Star systems and statistical astronomy
00216—Stellar energy generation, nucleogenesis, stellar evolution
00224—The sun
00232—Variable stars
00299—Other (specify)

MATHEMATICS

Algebra

06916—Boolean algebra
06924—Combinatorial analysis
06932—Differential algebra
06940—Fields, rings, algebras
06957—Groups, generalizations
06965—Homological algebra
06973—Lattices
06981—Linear algebra and matrix theory
07013—Polynomials
07021—Representation theory
07096—Other (specify)

Analysis and functional analysis

07112—Banach spaces and algebras
07120—Calculus of variations
07138—Convexity, inequalities
07146—Difference equations, functional equations
07153—Functions of real variables
07161—Functions of a complex variable
07179—Functions of several complex variables
07187—Hilbert spaces
07211—Integral equations
07229—Integral transforms
07237—Interpolation, approximation
07245—Lie groups and algebras
07252—Measure, integration, area
07260—Operational calculus
07278—Ordinary differential equations
07286—Partial differential equations
07310—Potential theory, subharmonic functions
07328—Series, summability
07336—Set theory
07344—Special functions
07351—Trigonometric series and integrals
07393—Other (specify)

Geometry

07419—Affine geometry
07427—Algebraic geometry
07435—Complex manifolds
07443—Convex domains, extremum problems
07450—Differential geometry, in the large
07468—Euclidean geometry
07476—Finite geometries
07484—Foundations
07518—Projective, non-Euclidean geometries
07526—Riemannian geometry
07591—Other (specify)

Logic

07617—Applications of logic
07625—Formal and symbolic logic
07633—Foundations of mathematics
07641—Intuitionism
07658—Recursive functions
07690—Other (specify)

Number theory

07716—Algebraic number theory
07724—Analytic number theory
07732—Diophantine problems
07740—Elementary number theory
07757—Geometry of numbers
07799—Other (specify)

Numerical analysis

07815—Algorithm construction
07823—Difference and functional equations
07831—Error analysis
07849—Iterative methods
07856—Interpolation, curvefitting
07864—Integral and integro-differential equations
07872—Linear equations, matrices
07880—Numerical differentiation, quadrature
07914—Ordinary differential equations
07922—Partial differential equations
07997—Other (specify)

Operations research

08011—Activity analysis
08029—Control systems
08037—Logistics, military
08045—Weapons systems evaluation
08052—Theory of the firm
08060—Network flow
08078—Queuing
08086—Scheduling
08110—Distribution and transportation
08128—Inventory
08136—System reliability
08144—Management gaming
08193—Other (specify)

Probability

08417—Analytic probability theory
08425—Applications of probability
08433—Foundations of probability
08441—Limit theorems
08458—Stochastic processes, general
08466—Markov processes
08474—Time series
08490—Other (specify)

Topology

08219—Abstract spaces
08227—Applications to analysis
08235—Fibre bundles and spaces
08243—Graphs
08250—Homology, cohomology
08268—Homotopy
08276—Manifolds, Kaehler spaces
08284—Mappings
08318—Point-set topology
08326—Topological dynamics
08334—Topological groups
08391—Other (specify)

Other specialties

08516—Actuarial mathematics
08524—Approximation theory
08532—Dynamic programming
08540—Mathematical economics
08557—Game theory
08565—Information theory
08573—Linear programming
08581—Non-linear programming
08615—Biomathematics
08623—Biometrics, biostatistics
08631—Demography
08649—Psychometrics
08656—Vital statistics
08664—Teaching of mathematics
08698—Other (specify)

COMPUTER SCIENCE

Business data processing

23416—Accounting, purchasing and inventory control
23424—Actuarial computing
23432—Business simulation, management games
23440—Management information systems, forecasting, product planning
23457—Production scheduling and control
23465—Transportation and distribution systems
23499—Other (specify)

Computer hardware design

23713—Analog computer
23721—Analog-digital converter and data acquisition systems
23739—Arithmetic and control components
23747—Character recognition systems
23754—Computer reliability and serviceability
23762—Control systems
23770—Data transmission and terminal devices
23788—Hybrid computer
23812—Logical design
23820—Peripheral equipment
23838—Plotters and graphical display devices
23846—Storage devices
23895—Other (specify)

Computer non-numerical processing

23218—Artificial intelligence
23226—Heuristics
23234—Learning and adaptive systems
23242—Computational linguistics
23259—Graphics
23267—Information retrieval
23275—Natural language data processing
23283—Simulations
23317—Symbol manipulation
23390—Other (specify)

Computer numerical processing

23010—Analysis of error
23028—Combinatorial problems
23036—Finite difference computation
23044—Integral equations
23051—Matrix computation
23069—Non-linear equations
23077—Numerical integration and quadrature
23085—Ordinary differential equations
23119—Partial differential equations
23127—Probabilistic and statistical computation
23192—Other (specify)

Computing theory

23911—Algebraic machine theory
23929—Information theory
23937—Programming theory
23945—Theory of formal languages
23994—Other (specify)

Systems programming and software: design and implementation

23515—Analog computing
23523—Analog-digital conversion and data acquisition systems
23531—Compilers, assemblers, interpreters
23549—Executive routines and monitor systems
23556—Hybrid computing
23564—Input-output and utility routines
23572—Meta-languages and programming language design
23580—Micro-programming
23614—Multi-access terminal systems
23622—Numerical control
23630—On-line computing
23648—Plotting and graphical display systems
23655—Process control
23663—Real-time systems
23671—Simulation of computers
23689—Sorting
23697—Other (specify)

24091—Computer Science, other (specify)

STATISTICS

09712—Analytical statistics
09720—Decision theory
09738—Design and analysis of experiments
09746—Estimation and testing, parametric
09753—Multivariate analysis
09761—Non-parametric methods
09779—Quality control
09787—Sampling techniques
09811—Survey methods; including forms design, data collection and data processing
09829—Theory of statistical inference
09837—Time series analysis
09894—Other (specify)

AGRICULTURAL AND BIOLOGICAL SCIENCES

Subfields

09902—Anatomy
10009—Biochemistry
10306—Biophysics
10504—Botany
10603—Ecology
10702—Entomology
10801—Genetics
10900—Immunology
11007—Microbiology
11106—Nutrition
11205—Pathology
11304—Pharmacology
11403—Physiology
11502—Plant Pathology
11601—Virology
11700—Zoology
11809—Agronomy
11908—Animal Husbandry
12005—Fish and Wildlife
12104—Forestry
12203—Range Management
12302—Horticulture
12401—Soil Science
12591—Biology, other (specify)
12583—Biomedical Sciences, other (specify)
12690—Agricultural Sciences, other (specify)

AGRICULTURAL AND BIOLOGICAL SCIENCES (*Continued*)

In classifying the Agricultural and Biological Sciences, the use of Biological Levels, Approaches to Biology, and Taxonomic groups represents preliminary efforts toward the development of a multifaceted classification matrix.

Biological Levels
11—Multilevel
12—Submolecular
13—Molecular
14—Cell Organelle
21—Cell
22—Tissue
23—Organ
24—Organism
31—Population
32—Community
33—Ecosystem
34—Not applicable

Approaches to Biology
41—Developmental
42—Environmental
43—Genetic
44—Behavorial
51—Morphological
52—Functional
53—Systematic
54—Pathological
61—Evolutionary
62—Historical
63—Philosophical
64—Not applicable

Taxonomic Groups
18—Viruses
19—Bacteriophage
22—Animal viruses
23—Plant viruses

24—Bacteria, Actinomycetes, Mycoplasma
25—Algae
26—Fungi
27—Bryophytes
28—Pteridophytes
29—Gymnosperms
33—Angiosperms
34—Protozoa
35—Porifera
36—Coelenterata
37—Platyhelminthes
38—Nematoda
39—Rotifera
44—Bryozoa

45—Mollusca
46—Annelida
47—Arthropoda
48—Arachnida
49—Crustacea
55—Insecta

56—Echinodermata
57—Tunicata
58—Pisces
59—Amphibia
66—Reptilia
67—Aves

68—Mammalia
69—Rodents
77—Carnivores
78—Ungulates
79—Non-human primates
88—Man
99—Other (specify) include genera, if applicable
89—Not applicable

PSYCHOLOGY

Clinical psychology

12716—Age-specific problems, techniques
12724—Behavior disorders
12732—Behavior therapy
12740—Client-therapist interaction
12757—Community psychology
12765—Family therapy
12773—Group therapy
12781—Individual assessment
12815—Mental deficiency
12823—Neurological disorders
12831—Nosology
12849—Objective tests
12856—Projective techniques
12864—Psychoanalysis
12872—Psychopathic behavior
12880—Psychopathology
12914—Psychotherapy
12922—Speech pathology
12997—Other (specify)

Counseling psychology

13011—Assessment
13029—Counseling theory
13037—Educational problems
13045—Family problems
13052—Intra-group interactions
13060—Marriage problems
13078—Personal adjustment
13086—Physical disability
13110—Rehabilitation
13128—Therapy
13136—Vocational problems
13193—Other (specify)

Developmental psychology

13219—Childhood and adolescence
13227—Cognitive development
13235—Infancy
13243—Maturity and old age
13250—Nursery and pre-school
13268—Psychological ecology
13276—Socialization
13292—Other (specify)

Educational psychology

13318—Automated instruction
13326—Curriculum development
13334—Educational measurement
13342—School adjustment
13359—School learning
13367—Special education
13375—Student personnel
13383—Teacher personnel
13391—Other (specify)

Engineering psychology

13417—Equipment design
13425—Human factors
13433—Special environments
13441—Systems analysis
13490—Other (specify)

Experimental, comparative, and physiological psychology

13516—Animal behavior
13524—Animal learning
13532—Apparatus design and evaluation
13540—Auditory processes
13557—Autonomic functions
13565—Behavior genetics
13573—Behavioral pharmacology
13581—Cognitive functioning
13615—Communications research, information theory
13623—Computer simulation of psychological processes
13631—Decision processes and theory
13649—Electroencephalography
13656—Feeling and emotion
13664—Human intellectual performance
13672—Human learning
13680—Language theory
13714—Learning theory
13722—Mathematical psychology
13730—Memory processes
13748—Motivation
13755—Motor performance
13763—Neuropsychology
13771—Perceptual processes
13789—Psychophysics
13813—Psychophysiology
13821—Sensory processes
13839—Special senses
13847—Verbal behavior
13854—Visual processes
13896—Other (specify)

General psychology

13912—Biography
13920—History
13938—International psychology
13946—Methodology in psychology
13953—Philosophy of science (psychology)
13961—Theory and systems
13995—Other (specify)

Industrial and personnel psychology

14019—Consumer psychology
14027—Employee and executive training and development
14035—Employee morale and attitudes
14043—Job analysis and position classification
14050—Labor-management relations
14068—Market research, advertising
14076—Organizational behavior
14084—Performance evaluation, criterion development
14118—Recruiting, selection, placement
14126—Safety research and training
14134—Salary and pay plans
14191—Other (specify)

Personality

14217—Creativity
14225—Development
14233—Individual differences
14241—Personality and body
14258—Personality and cognition
14266—Personality and learning
14274—Personality and perception
14282—Personality theory
14316—Structure and dynamics
14399—Other (specify)

Psychometrics

14415—Experimental design
14423—Factor analysis, related techniques
14431—High-speed computer applications
14449—Mathematical models
14456—Psychological statistics
14464—Survey procedures
14472—Test construction, validation
14480—Test theory, scale analysis
14498—Other (specify)

School psychology

14514—Behavior problems
14522—Exceptional children
14530—Pupil assessment
14548—Reading problems
14555—School organization
14563—Therapeutic processes
14597—Other (specify)

Social psychology

20511—Attitudes
20529—Collective behavior, social movements
20537—Culture and personality
20545—Group interaction
20552—Leadership
20560—Political behavior
20578—Public opinion
20586—Role behavior
20610—Social perception
20628—Symbolic communication
20693—Other (specify)

Other specialties

14613—Forensic psychology
14621—Hypnosis
14639—Military psychology
14647—Parapsychology
14654—Psychological esthetics
14662—Psychology of religion
14670—Sleep and dreams
14688—Teaching of psychology
14712—Health education
14720—Psychiatry
14738—Psycholinguistics
14746—Public health
14795—Other (specify)

ANTHROPOLOGY

In classifying Anthropology, subfields are combined with specialties appropriate to more than one area.

Subfields

148--Archeology/Prehistory
149--Biological/Physical Anthropology
150--Cultural/Social Anthropology, Ethnology
151--Linguistic Anthropology/Anthropological Linguistics
152--Other (specify)

Specialties

---01—Theory
---02—Methodology
---03—History of anthropology
---04—Museology
---05—Applied anthropology
---66—Field techniques
---07—Laboratory techniques
---08—Photography and cinematography

---09—Demography
---10—Ecology
---11—Technology/Material culture
---12—Economics/Subsistence
---13—Community and urban studies
---14—Art and architecture
---15—Religion/Ideology
---16—Language and culture
---17—Folklore and literature
---18—Epigraphy and writing systems
---19—Ethnohistory
---20—Culture history and distribution studies
---21—Cultural and social evolution
---22—Acculturation and social change
---23—Cultural processes
---24—Primate behavior and ethology

---25—Archeological chronology
---26—Environmental archeology
---27—Settlement archeology
---28—Salvage archeology
---29—Underwater archeology
---30—Paleolithic/Paleo-Indian archeology
---31—Neolithic/Neo-Indian archeology
---32—Early civilizations
---33—Historic/Industrial archeology

---34—Nutrition, body composition, constitution
---35—Human paleontology
---36—Anthropometry
---37—Racial biology and taxonomy
---38—Paleopathology
---39—Forensic anthropology
---40—Somatic growth and aging
---41—Primate somatology
---42—Anthropological genetics
---43—Population biology and ecology

---44—Social structure and organization
---45—Political and legal systems
---46—Kinship and family systems
---47—Culture and personality; psychological anthropology
---48—Socialization
---49—Education
---50—Medical anthropology
---51—Music and dance
---52—Ethnic and race relations

---53—Descriptive linguistics
---54—Historical and comparative linguistics
---55—Dialectology
---56—Typology and language universals
---57—Socio-linguistics
---58—Psycho-linguistics
---59—Ethno-linguistics
---60—Semantic analysis and lexicography
---61—Ethno-science and cognitive systems
---62—Kinship analysis
---63—Literary and stylistic analysis; verbal play
---64—Non-verbal communication
---65—Animal communication and origin of language
---99—Other (specify)

ECONOMICS

Agriculture; Natural resources

16212—Agricultural demand and supply analysis
16220—Agricultural situation and outlook
16238—Agricultural policy
16246—Agricultural finance
16253—Agricultural marketing
16261—Farm management
16279—Land reform
16287—Conservation of natural resources
16311—Forestry
16329—Fisheries
16337—Water resources
16394—Other (specify)

Business organization; Finance; Marketing; Accounting

15917—Organization and decision theory
15925—Managerial economics
15933—Business organization
15941—Business finance
15958—Business investment
15966—Insurance
15974—Marketing
15982—Accounting
15990—Other (specify)

Economic growth and development

15511—Economic growth and development theory
15529—Economic planning theory and policy
15537—Economics of war and defense
15545—Economic development studies of less developed countries
15552—Economic development studies of developed countries
15560—Comparative economic development studies
15578—Economic fluctuations and stabilization
15586—Economic forecasting and forecasting models
15594—Other (specify)

Economic statistics

15610—Econometric methods
15628—Statistical methods
15636—National income accounting
15644—Input-output
15651—Financial accounts
15669—National wealth and balance sheets
15677—Social indicators and accounts
15693—Other (specify)

General economics; Theory; History; Systems

15313—General economics
15321—General equilibrium theory
15339—Microeconomic theory
15347—Macroeconomic theory
15354—Welfare theory
15362—History of economic thought
15370—Economic methodology
15388—Economic history
15412—Capitalist economic systems
15420—Socialist and communist economic systems
15438—Comparative economic systems
15495—Other (specify)

Industrial organization

16014—Industrial organization and market structure
16022—Public policy towards monopoly and competition
16030—Public utilities and government regulation of the private sector
16048—Public enterprises
16055—Economics of transportation
16063—Technological change; innovation, research and development
16071—Industry studies: manufacturing
16089—Industry studies: extractive industries
16113—Industry studies: distributive trades
16121—Industry studies: construction
16139—Industry studies: services and other
16196—Other (specify)

International economics

15818—International trade theory
15826—Trade relations
15834—Commercial policy
15842—Economic integration
15859—Balance of payments; exchange rates
15867—International monetary arrangements
15875—International investment and foreign aid
15891—Other (specify)

Manpower; Labor; Population

16410—Manpower training and development
16428—Theory of labor markets
16436—Public policy; role of government
16444—Labor mobility; migration
16451—Labor market studies; wages; employment
16469—Trade unions; collective bargaining; labor-management relations
16477—Population
16493—Other (specify)

Monetary and fiscal theory and institutions

15719—Monetary theory and policy
15727—Commercial banking
15735—Financial markets
15743—Financial intermediaries
15750—Fiscal theory and policy
15768—Government expenditures and budgeting
15776—Taxation
15784—State and local finance
15792—Other (specify)

Welfare programs; Consumer economics; Urban and regional economics

16519—General welfare programs
16527—Economics of education
16535—Economics of health
16543—Economics of poverty
16550—Social security
16568—Consumer economics; levels and standards of living
16626—Housing economics
16576—Urban economics and public policy
16584—Urban transportation economics
16618—Regional economics
16691—Other (specify)

Other Specialties

16717—Education
16725—Teaching of economics
16790—Economics other (specify)

LINGUISTICS

Applications to language teaching
16816—Language aptitude and proficiency testing
16824—Language laboratories
16832—Linguistics in language-textbook construction
16840—Linguistics in second-language pedagogy
16857—Linguistics in the teaching of native-language skills
16865—Linguistics in the training of language teachers
16873—Use of contrastive structural comparisons
16899—Other (specify)

Descriptive linguistics
16915—Contrastive analysis
16923—Dialectology
16931—Field methods
16949—Lexicography
16956—Morphology
16964—Phonology
16972—Structural analysis
16980—Structure of specific languages (specify language[s])
17012—Study of writing systems
17020—Syntax
17095—Other (specify)

General linguistics
17111—Children's language
17129—Language contact
17137—Mathematical models in linguistics
17145—Statistical studies of language
17152—Study of meaning
17160—Theory of grammar
17178—Typology and language universals
17194—Other (specify)

Historical and comparative linguistics
17210—Comparison within a particular group of languages (specify group[s])
17228—Etymology
17236—History of specific languages (specify language[s])
17244—Reconstruction, subgrouping, and processes of language change
17293—Other (specify)

Language in relation to other fields
17319—Anthropological linguistics
17327—History of linguistics
17335—Interrelationships of language and other cultural phenomena
17343—Linguistics and literature
17350—Physiology of speech and hearing
17368—Psycholinguistics
17376—Sociology of language
17384—Speech pathology
17392—Other (specify)

Language policies
17418—Language standardization
17426—Problems of linguistic minorities
17434—Translation of technical terminology
17491—Other (specify)

Literacy and writing systems
17517—Devising of writing systems
17525—Materials for new literates
17533—Teaching of literacy
17590—Other (specify)

Mechanized applications
17616—Automated linguistic analysis
17624—Linguistic problems of machine translation
17699—Other (specify)

Phonetics
17715—Acoustic phonetics
17723—Articulatory and instrumental phonetics
17798—Other (specify)

Other specialties
17814—Information retrieval
17822—Methodology of second language teaching
17830—Teaching of linguistics
17848—Education
17855—Philosophy
17863—Speech
17871—Translation
17897—Linguistics, other (specify)

POLITICAL SCIENCE

Comparative political institutions and behavior
18614—Political development
18622—Modernization
18630—Parties, mass movements, secondary associations
18648—Values, ideologies, belief systems, political culture
18655—Politics of planning
18663—Elites and their oppositions
18671—Social mobilization
18689—Systemic and subsystemic analyses
18713—Cross-national and cross-cultural comparisons
18721—Historical dimensions of development
18739—Decision-making in governmental institutions
18796—Other (specify)

International law, organization, and politics
18416—International law
18424—International organization and administration
18432—International politics
18499—Other (specify)

Methodology
17913—Survey design and analysis
17921—Statistical analysis
17939—Measurement and index construction
17947—Computer techniques
17954—Model building
17962—Field data collection
17996—Other (specify)

Political stability, instability and change
18317—Revolution and violence
18325—Political leadership
18333—Political socialization
18341—Personality and motivation
18358—Social and economic stratification
18366—Cultural modification and diffusion
18390—Other (specify)

Political theory
18010—Normative theory
18028—History of theory
18036—Empirical theory
18093—Other (specify)

Public policy
18515—Foreign
18523—Domestic
18531—Military and national security
18598—Other (specify)

Public administration
18812—Organization theory
18820—Systems analysis
18838—Social systems accounting
18846—Bureaucracy
18853—Planning, programming, budgeting
18861—Comparative administration
18879—Personnel administration
18887—Organization and management
18895—Other (specify)

U. S. political institutions, processes, and behavior
18119—Political and constitutional history
18127—Public law
18135—Political parties and elections
18143—Interest groups
18150—Executives
18168—Legislatures
18176—Courts and judicial behavior
18184—Intergovernmental relations
18218—State, local, and metropolitan government
18291—Other (specify)

18994—Political Science, other (specify)

SOCIOLOGY

Demography and population
19216—Migration
19224—Labor force
19232—Population characteristics
19240—Population trends
19257—Fertility
19265—Mortality
19299—Other (specify)

Methodology
19117—Computer techniques
19125—Experimental sociology
19133—Field data collection
19141—Measurement and index construction
19158—Model building
19166—Mathematical sociology
19174—Social survey design and methods
19182—Statistical analysis
19190—Other (specify)

Rural-urban sociology
19315—Community studies
19323—Human ecology
19331—Rural sociology
19349—Urban sociology
19398—Other (specify)

Social change and development
19414—Invention and innovation
19422—Social control
19430—Social process
19448—Social mobility
19455—Socio-economic development
19463—Socio-political change
19497—Other (specify)

Social organization, structure, and institutions
19513—Bureaucracy
19521—Leisure and the arts
19539—Educational
19547—Family
19554—Industrial
19562—Intergroup, including race and ethnic
19570—Legal, political
19588—Medical
19612—Occupational
19620—Religious
19638—Scientific
19646—Stratification
19695—Other (specify)

Social problems, social disorganization
19711—Criminology
19729—Deviance
19737—Poverty and dependence
19745—Social conflict and accommodation
19794—Other (specify)

Social psychology
20511—Attitudes
20529—Collective behavior, social movements
20537—Culture and personality
20545—Group interaction
20552—Leadership
20560—Political behavior
20578—Public opinion
20586—Role behavior
20610—Social perception
20628—Symbolic communication
20693—Other (specify)

Socio-cultural theory
19018—General theory
19026—Symbolic interactionism
19034—History of social thought
19091—Other (specify)

19893—Sociology, other (specify)

APPENDIX E

Language Family List Used by the National Register in 1968

Indo-European

Indic

Hindi-Urdu
Bengali
Gujerati
Singhalese
Marathi
Oriya
Panjabi
Indic, other

Iranian

Persian
Pashtu
Kurdish
Iranian, other

Balto-Slavic

Baltic (Lithuanian and Lettish)
Russian
Polish
Czech and Slovak
Serbo-Croatian
Bulgarian
Ukrainian
Slavic, other

Romance

French
Spanish
Italian
Portuguese
Rumanian
Romance, other

Germanic

German
Swedish
Dutch
Norwegian
Danish
Germanic, other

Miscellaneous Indo-European

Celtic
Modern Greek
Armenian
Albanian
Indo-European, other

Afro-Asiatic

Semitic

Arabic
Hebrew
Amharic
Semitic, other

Afro-Asiatic, other

Berber
Cushitic
Hausa and Afro-Asiatic, other

African

Niger-Congo

Swahili
Xhosa and Zulu
Bantu, other
Akan (Twi and Fante)
Ibo
Yoruba
Fula(ni)
Niger-Congo, other

Sub-Saharan African, other

Uralic-Altaic

Osmanli Turkish (Istanbul and Anatolian)
Turkic, other
Mongolian
Altaic, other
Hungarian
Finnish
Estonian and other Balto-Finnic
Uralic, other

East Asian

Sino-Tibetan

Mandarin or Peking Chinese
Chinese, other
Thai-Lao
Burmese
Tibetan
Vietnamese
Cambodian (Khmer)
Southeast Asian, other
Japanese
Korean

Malayo-Polynesian

Indonesian

Malay and Bahasa Indonesia
Javanese
Sundanese
Madurese
Tagalog
Visayan
Ilocano
Malagasy
Indonesian, other

Malayo-Polynesian, other

Polynesian
Melanesian
Micronesian

Dravidian

Tamil
Telegu
Malayalam
Kannada
Dravidian, other

American Indian

North American

Navaho
North American Indian, other

Central American

Central American, including Uto-Aztecan

South American

Guarani
Quechua
South American Indian, other

Caucasian

Georgian
Caucasian, other

Miscellaneous

Papuan-Australian
Creoles and Pidgins
Other languages not included in any of the above categories

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